

CHAPTER 61
WATER QUALITY STANDARDS
[Prior to 7/1/83, DEQ Ch 16]
[Prior to 12/3/86, Water, Air and Waste Management[900]]

WATER QUALITY STANDARDS

567—61.1 Rescinded, effective August 31, 1977.

567—61.2(455B) General considerations.

61.2(1) Policy statement. It shall be the policy of the commission to protect and enhance the quality of all the waters of the state. In the furtherance of this policy it will attempt to prevent and abate the pollution of all waters to the fullest extent possible consistent with statutory and technological limitations. This policy shall apply to all point and nonpoint sources of pollution.

These water quality standards establish selected criteria for certain present and future designated uses of the surface waters of the state. The standards establish the areas where these uses are to be protected and provide minimum criteria for waterways having nondesignated uses as well. Many surface waters are designated for more than one use. In these cases the more stringent criteria shall govern for each parameter.

Certain of the criteria are in narrative form without numeric limitations. In applying such narrative standards, decisions will be based on the U.S. Environmental Protection Agency's methodology described in "Guidelines for Deriving Numerical National Water Quality Criteria for the Protection of Aquatic Organisms and Their Uses," (1985) and on the rationale contained in "Quality Criteria for Water," published by the U.S. Environmental Protection Agency (1977), as updated by supplemental Section 304 (of the Act) Ambient Water Quality Criteria documents. To provide human health criteria for parameters not having numerical values listed in 61.3(3) Table 1, the required criteria will be based on the rationale contained in these EPA criteria documents. The human health criterion considered will be the value associated with the consumption of fish flesh and a risk factor of 10^{-5} for carcinogenic parameters. For noncarcinogenic parameters, the recommended EPA criterion will be selected. For Class C water, the EPA criteria for fish and water consumption will be selected using the same considerations for carcinogenic and noncarcinogenic parameters as noted above.

All methods of sample collection, preservation, and analysis used in applying any of the rules in these standards shall be in accord with those prescribed in 567—Chapter 63.

61.2(2) Antidegradation policy. It is the policy of the state of Iowa that:

a. Existing surface water uses and the level of water quality necessary to protect the existing uses will be maintained and protected.

b. Chemical integrity: For those water bodies where water quality significantly exceeds levels necessary to protect existing uses and the waters designated as high quality in 61.3(5) "e," that water quality will be maintained at or above existing quality, except when it is determined by the environmental protection commission after public hearing and after intergovernmental coordination and public participation provisions noted in the continuing planning process that there is need to allow a lower chemical quality because of necessary and justifiable economic and social development in the area. The state shall ensure adequate chemical quality to fully protect existing uses.

- (1) Bear Creek, mouth in Winneshiek County and tributary to the Upper Iowa River.
- (2) Bloody Run, mouth in Clayton County and tributary to the Mississippi River.
- (3) Catfish Creek from Swiss Valley Park in Dubuque County to its source.
- (4) Unnamed Creek known locally as Coldwater Creek with mouth in Winneshiek County and tributary to the Upper Iowa River.
- (5) Fenchel Creek, mouth to Richmond Springs, in Delaware County and tributary to the Maquoketa River.
- (6) Odell Branch (aka Fountain Spring Creek), mouth (section 10, T90N, R4W, Delaware County), tributary to Elk Creek, which is tributary to the Turkey River to west line of section 9, T90N, R4W, Delaware County.

- (7) Iowa Great Lakes chain of lakes in Dickinson County, including West Lake Okoboji, Spirit Lake, East Lake Okoboji, Minnewashta Lake, Upper Gar Lake, and Lower Gar Lake.
- (8) North Bear Creek, with mouth in Winneshiek County and tributary to Bear Creek, listed as number 1 in this listing.
- (9) North Cedar Creek, with mouth in Clayton County and tributary to Sny Magill Creek.
- (10) Sny Magill Creek, with mouth in Clayton County and tributary to the Mississippi River.
- (11) Turkey River, from the point where it is joined by the Volga River in Clayton County to Vernon Springs in Howard County.
- (12) Waterloo Creek, with mouth in Allamakee County and tributary to the Upper Iowa River.
- (13) Maquoketa River, from confluence with South Fork Maquoketa River (section 16, T90N, R6W, Delaware County) to Highway 3 (north line of section 24, T91N, R7W, Fayette County).
- (14) Spring Branch, mouth (section 10, T88N, R5W, Delaware County) to spring source (section 35, T89N, R5W, Delaware County).
- (15) Little Turkey River, Clayton-Delaware County line to south line of section 11, T90N, R3W, Delaware County.
- (16) Middle Fork Little Maquoketa River (aka Bankston Creek), west line of section 31, T90N, R1E to north line of section 33, T90N, R1W, Dubuque County.
- (17) Brush Creek, north line of section 23, T85N, R3E to north line of section 1, T85N, R3E, Jackson County.
- (18) Dalton Lake — Jackson County.
- (19) Little Mill Creek, mouth (Jackson County) to west line of section 29, T86N, R4E, Jackson County.
- (20) Mill Creek (aka Big Mill Creek), from confluence with Little Mill Creek in section 13, T86N, R4E, Jackson County, to confluence with Unnamed Creek, section 1, T86N, R3E, Jackson County.
- (21) Unnamed Creek (tributary to Mill Creek), mouth (section 1, T86N, R3E, Jackson County) to west line of section 1, T86N, R3E, Jackson County.
- (22) Unnamed Creek (aka South Fork Big Mill), tributary to Mill Creek, from mouth (section 8, T86N, R4E, Jackson County) to west line of section 17, T86N, R4E, Jackson County.
- (23) Clear Creek, mouth (Allamakee County) to west line of section 25, T99N, R4W, Allamakee County.
- (24) French Creek, mouth (Allamakee County) to east line of section 23, T99N, R5W, Allamakee County.
- (25) Hickory Creek, mouth (Allamakee County) to south line of section 28, T96N, R5W, Allamakee County.
- (26) Little Paint Creek, mouth to north line of section 30, T97N, R3W, Allamakee County.
- (27) Paint Creek, from confluence with Little Paint Creek to road crossing in section 18, T97N, R4W, Allamakee County.
- (28) Patterson Creek, mouth (Allamakee County) to east line of section 3, T98N, R6W, Allamakee County.
- (29) Silver Creek, mouth (Allamakee County) to south line of section 31, T99N, R5W, Allamakee County.
- (30) Village Creek, mouth (Allamakee County) to west line of section 19, T98N, R4W, Allamakee County.
- (31) Wexford Creek, mouth to west line of section 25, T98N, R3W, Allamakee County.
- (32) Buck Creek, mouth (Clayton County) to west line of section 9, T93N, R3W, Clayton County.
- (33) Ensign Creek (aka Ensign Hollow), mouth (section 28, T92N, R6W, Clayton County) to spring source (section 29, T92N, R6W, Clayton County).
- (34) South Cedar Creek (aka Cedar Creek), mouth (Clayton County) to north line of section 7, T92N, R3W, Clayton County.

(35) Bear Creek, mouth (Fayette County) to west line of section 6, T92N, R7W, Fayette County.

(36) Unnamed Creek (aka Glover's Creek), mouth to west line of section 15, T94N, R8W, Fayette County.

(37) Grannis Creek, mouth to west line of section 36, T93N, R8W, Fayette County.

(38) Mink Creek, mouth to west line of section 15, T93N, R7W, Fayette County.

(39) Otter Creek, mouth (Fayette County) to confluence with Unnamed Creek (aka Glover's Creek) in section 22, T94N, R8W, Fayette County.

(40) Nichols Creek (aka Bigalk Creek), mouth (section 18, T100N, R10W, Winneshiek County) to west line of section 23, T100N, R11W, Howard County.

(41) Spring Creek, mouth (Mitchell County) to north line of section 8, T97N, R16W, Mitchell County.

(42) Turtle Creek, mouth (Mitchell County) to east line of section 7, T99N, R17W, Mitchell County.

(43) Wapsipinicon River, from the town of McIntire to north line of section 20, T99N, R15W, Mitchell County.

(44) Bohemian Creek, mouth (Winneshiek County) to Howard County Road V58 (west line of section 2, T97N, R11W, Howard County).

(45) Coon Creek, mouth (Winneshiek County) to road crossing in section 13, T98N, R7W, Winneshiek County.

(46) Smith Creek (aka Trout River), mouth to south line of section 33, T98N, R7W, Winneshiek County.

(47) Unnamed Creek (aka Trout Run), mouth to south line of section 27, T98N, R8W, Winneshiek County.

(48) Twin Springs Creek, mouth to springs in Twin Springs Park in section 20, T98N, R8W, Winneshiek County.

(49) Canoe Creek (aka West Canoe Creek), from Winneshiek County Road W38 to west line of section 8, T99N, R8W, Winneshiek County.

c. Standards and restrictions more stringent than those applied to other waters may be applied by the commission to those waters listed below when it is determined that such more stringent standards and restrictions are necessary to fully maintain water quality at existing levels.

West Lake Okoboji in Dickinson County.

d. The Mississippi River and the Missouri River do not meet the criteria of 61.2(2) "c" but nevertheless constitute waters of exceptional state and national significance. Water quality management decisions will be made in consideration of the exceptional value of the resource.

e. In furtherance of the policy stated in 61.2(2) "b," there shall be achieved the highest statutory and regulatory requirements for all new and existing point sources, and feasible management and regulatory programs pursuant to Section 208 of the Federal Water Pollution Control Act for nonpoint sources, both existing and proposed.

f. Physical and biological integrity: The waters designated as high-quality resource waters in 61.3(5) "e" will receive protection of existing uses through maintaining water quality levels necessary to fully protect existing uses or improve water quality to levels necessary to meet the designated use criterion in Tables 1, 2 and 3 and at preserving or enhancing the physical and biological integrity of these waters. This involves the protection of such features of the water body as channel alignment, bed characteristics, water velocity, aquatic habitat, and the type, distribution and abundance of existing aquatic species.

g. It is the intent of the antidegradation policy to protect and maintain the existing physical, biological, and chemical integrity of all waters of the state. Consistency with Iowa's water quality standards requires that any proposed activity modifying the existing physical, biological, or chemical integrity of a water of the state shall not adversely impact these resource attributes, either on an individual or cumulative basis. An adverse impact shall refer to the loss of or irreparable damage to the aquatic, semiaquatic or wildlife habitat or population, or a modification to the water body that would cause an overall degradation to the aquatic or wildlife population and diversity. The fish and wildlife division of the department and the U.S. Fish and Wildlife Service shall serve as consultants to the department for assessing impacts. Exceptions to the preceding will be allowed only if full mitigation is provided by the applicant and approved by the department.

For those waters of the state designated as high quality or high quality resource waters and the Mississippi and Missouri Rivers, any proposed activity that will adversely impact the existing physical, chemical, or biological integrity of that water will not be consistent with Iowa's water quality standards. Mitigation will not be allowed except in highly unusual situations where no other project alternatives exist. In these cases, full mitigation must be provided by the applicant and approved by the department.

h. This policy shall be applied in conjunction with water quality certification review pursuant to Section 401 of the Act. In the event that activities are specifically exempted from flood plain development permits or any other permits issued by this department in 567—Chapters 70, 71, and 72, the activity will be considered consistent with this policy. Other activities not otherwise exempted will be subject to 567—Chapters 70, 71, and 72 and this policy. The repair and maintenance of a drainage district ditch as defined in 567—70.2(455B,481A) will not be considered a violation of the antidegradation policy for the purpose of implementing Title IV of these rules. United States Army Corps of Engineers (Corps) nationwide permits 3, 4, 5, 6, 7, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 25, 27, 29, 30, 31, 32, 33, 34, 36, 37, 38, 39, 40, 41, 42, 43, and 44 as promulgated March 18, 2002, are certified pursuant to Section 401 of the Clean Water Act subject to the following regional conditions:

(1) Side slopes of a newly constructed channel will be no steeper than 2 horizontal to 1 vertical and planted to permanent, perennial, native vegetation if it is not armored.

(2) Nationwide permits with mitigation may require recording of the permit with the registrar of deeds or other appropriate official charged with the responsibility for maintaining records of title to, or interest in, real property and provide proof of recording to the Corps.

(3) Mitigation shall be scheduled for construction prior to or concurrent with the construction of the main project. Regional permit numbers 2, 7, 12, and 20 of the Rock Island District of the Corps are also certified. No specific Corps permit or 401 certification is required for activities covered by these permits unless required by the nationwide permit or the Corps, and the activities are allowed subject to the terms of the nationwide and regional permits. The department will maintain and periodically update a guidance document listing special waters of concern. This document will be provided to the Corps for use in determining whether preconstruction notices should be provided to the department and other interested parties prior to taking action on applications for projects that would normally be covered by a nationwide or regional permit and not require preconstruction notice under national nationwide permit conditions.

61.2(3) Minimum treatment required. All wastes discharged to the waters of the state must be of such quality that the discharge will not cause the narrative or numeric criteria limitations to be exceeded. Where the receiving waters provide sufficient assimilative capacity that the water quality standards are not the limiting factor, all point source wastes shall receive treatment in compliance with minimum effluent standards as adopted in rules by the department.

There are numerous parameters of water quality associated with nonpoint source runoff which are of significance to the designated water uses specified in the general and specific designations in 61.3(455B), but which are not delineated. It shall be the intent of these standards that the limits on such nonpoint source related parameters when adopted shall be those that can be achieved by best management practices as defined in the course of the continuing planning process from time to time. Existing water quality and nonpoint source runoff control technology will be evaluated in the course of the Iowa continuing planning process, and best management practices and limitations on specific water quality parameters will be reviewed and revised from time to time to ensure that the designated water uses and water quality enhancement goals are met.

61.2(4) Regulatory mixing zones. Mixing zones are recognized as being necessary for the initial assimilation of point source discharges which have received the required degree of treatment or control. Mixing zones shall not be used for, or considered as, a substitute for minimum treatment technology required by subrule 61.2(3). The objective of establishing mixing zones is to provide a means of control over the placement and emission of point source discharges so as to minimize environmental impacts. Waters within a mixing zone shall meet the general water quality criteria of subrule 61.3(2). Waters at and beyond mixing zone boundaries shall meet all applicable standards and the chronic and human health criteria of subrule 61.3(3), Tables 1 and 3, for that particular water body or segment. A zone of initial dilution may be established within the mixing zone beyond which the applicable standards and the acute criteria of subrule 61.3(3) will be met. For waters designated under subrule 61.3(5), any parameter not included in Tables 1, 2 and 3 of subrule 61.3(3), the chronic and human health criteria, and the acute criterion calculated following subrule 61.2(1), will be met at the mixing zone and zone of initial dilution boundaries, respectively.

a. Due to extreme variations in wastewater and receiving water characteristics, spatial dimensions of mixing zones shall be defined on a site-specific basis. These rules are not intended to define each individual mixing zone, but will set maximum limits which will satisfy most biological, chemical, physical and radiological considerations in defining a particular mixing zone. Additional details are noted in the "Supporting Document for Iowa Water Quality Management Plans," Chapter IV, July 1976, as revised on July 16, 2003, for considering unusual site-specific features such as side channels and sand bars which may influence a mixing zone. Applications for operation permits under 567—subrule 64.3(1) may be required to provide specific information related to the mixing zone characteristics below their outfall so that mixing zone boundaries can be determined.

b. For parameters included in Table 1 only (which does not include ammonia nitrogen), the dimensions of the mixing zone and the zone of initial dilution will be calculated using a mathematical model presented in the "Supporting Document for Iowa Water Quality Management Plans," Chapter IV, July 1976, as revised on July 16, 2003, or from instream studies of the mixing characteristics during low flow. In addition, the most restrictive of the following factors will be met:

- (1) The stream flow in the mixing zone may not exceed the most restrictive of the following:
 1. Twenty-five percent of the design low stream flows noted in subrule 61.2(5) for interior streams and rivers, and the Big Sioux and Des Moines Rivers.
 2. Ten percent of the design low stream flows noted in subrule 61.2(5) for the Mississippi and Missouri Rivers.
 3. The stream flow contained in the mixing zone at the most restrictive of the applicable mixing zone length criteria, noted below.
- (2) The length of the mixing zone below the point of discharge shall be set by the most restrictive of the following:
 1. The distance to the juncture of two perennial streams.
 2. The distance to a public water supply intake.
 3. The distance to the upstream limits of an established recreational area, such as public beaches, and state, county and local parks.
 4. The distance to the middle of a crossover point in a stream where the main current flows from one bank across to the opposite bank.
 5. The distance to another mixing zone.
 6. Not to exceed a distance of 2000 feet.
 7. The location where the mixing zone contained the percentages of stream flow noted in 61.2(4)"b"(1).
- (3) The width of the mixing zone is calculated as the portion of the stream containing the allowed mixing zone stream flow. The mixing zone width will be measured perpendicular to the basic direction of stream flow at the downstream boundary of the mixing zone. This measurement will only consider the distance of continuous water surface.
- (4) The width and length of the zone of initial dilution may not exceed 10 percent of the width and length of the mixing zone.

c. The stream flow used in determining wasteload allocations to ensure compliance with the maximum contaminant level (MCL), chronic and human health criteria of Table 1 will be that value contained at the boundary of the allowed mixing zone. This stream flow may not exceed the following percentages of the design low stream flow as measured at the point of discharge:

- (1) Twenty-five percent for interior streams and rivers, and the Big Sioux and Des Moines Rivers.
- (2) Ten percent for the Mississippi and Missouri Rivers.

The stream flow in the zone of initial dilution used in determining effluent limits to ensure compliance with the acute criteria of Table 1 may not exceed 10 percent of the calculated flow associated with the mixing zone.

d. For toxic parameters noted in Table 1, the following exceptions apply to the mixing zone requirements:

- (1) No mixing zone or zone of initial dilution will be allowed for waters designated as lakes or wetlands.
- (2) No zone of initial dilution will be allowed in waters designated as cold water.
- (3) The use of a diffuser device to promote rapid mixing of an effluent in a receiving stream will be considered on a case-by-case basis with its usage as a means for dischargers to comply with an acute numerical criterion.
- (4) A discharger to interior streams and rivers, the Big Sioux and Des Moines Rivers, and the Mississippi or Missouri Rivers may provide to the department, for consideration, instream data which technically supports the allowance of an increased percentage of the stream flow contained in the mixing zone due to rapid and complete mixing. Any allowed increase in mixing zone flow would still be governed by the mixing zone length restrictions. The submission of data should follow the guidance provided in the "Supporting Document for Iowa Water Quality Management Plans," Chapter IV, July 1976, as revised on July 16, 2003.

e. For ammonia criteria noted in Table 3, the dimensions of the mixing zone and the zone of initial dilution will be calculated using a mathematical model presented in the "Supporting Document for Iowa Water Quality Management Plans," Chapter IV, July 1976, as revised on July 16, 2003, or from instream studies of the mixing characteristics during low flow. In addition, the most restrictive of the following factors will be met:

- (1) The stream flow in the mixing zone may not exceed the most restrictive of the following:
 1. One hundred percent of the design low stream flows noted in subrule 61.2(5) for locations where the dilution ratio is less than or equal to 2:1.
 2. Fifty percent of the design low stream flows noted in subrule 61.2(5) for locations where the dilution ratio is greater than 2:1, but less than or equal to 5:1.
 3. Twenty-five percent of the design low stream flows noted in subrule 61.2(5) for locations where the dilution ratio is greater than 5:1.
 4. The stream flow contained in the mixing zone at the most restrictive of the applicable mixing zone length criteria, noted below.
- (2) The length of the mixing zone below the point of discharge shall be set by the most restrictive of the following:
 1. The distance to the juncture of two perennial streams.
 2. The distance to a public water supply intake.
 3. The distance to the upstream limits of an established recreational area, such as public beaches, and state, county, and local parks.
 4. The distance to the middle of a crossover point in a stream where the main current flows from one bank across to the opposite bank.
 5. The distance to another mixing zone.
 6. Not to exceed a distance of 2000 feet.
- (7) The location where the mixing zone contained the percentages of stream flow noted in 61.2(4) "e"(1).

(3) The width of the mixing zone is calculated as the portion of the stream containing the allowed mixing zone stream flow. The mixing zone width will be measured perpendicular to the basic direction of stream flow at the downstream boundary of the mixing zone. This measurement will only consider the distance of continuous water surface.

(4) The width and length of the zone of initial dilution may not exceed 10 percent of the width and length of the mixing zone.

f. For ammonia criteria noted in Table 3, the stream flow used in determining wasteload allocations to ensure compliance with the chronic criteria of Table 3 will be that value contained at the boundary of the allowed mixing zone. This stream flow may not exceed the percentages of the design low stream flow noted in 61.2(4) "e"(1) as measured at the point of discharge.

The pH and temperature values at the boundary of the mixing zone used to select the chronic ammonia criteria of Table 3 will be from one of the following sources. The source of the pH and temperature data will follow the sequence listed below, if applicable data exists from the source.

(1) Specific pH and temperature data provided by the applicant gathered at their mixing zone boundary. Procedures for obtaining this data are noted in the "Supporting Document for Iowa Water Quality Management Plans," Chapter IV, July 1976, as revised on July 16, 2003.

(2) Regional background pH and temperature data provided by the applicant gathered along the receiving stream and representative of the background conditions at the outfall. Procedures for obtaining this data are noted in the "Supporting Document for Iowa Water Quality Management Plans," Chapter IV, July 1976, as revised on July 16, 2003.

(3) The statewide average background values presented in Table IV-2 of the "Supporting Document for Iowa Water Quality Management Plans," Chapter IV, July 1976, as revised on July 16, 2003.

The stream flow in the zone of initial dilution used in determining effluent limits to ensure compliance with the acute criteria of Table 3 may not exceed 5 percent of the calculated flow associated with the mixing zone for facilities with a dilution ratio of less than or equal to 2:1, and not exceed 10 percent of the calculated flow associated with the mixing zone for facilities with a dilution ratio of greater than 2:1. The pH and temperature values at the boundary of the zone of initial dilution used to select the acute ammonia criteria of Table 3 will be from one of the following sources and follow the sequence listed below, if applicable data exists from the source.

1. Specific effluent pH and temperature data if the dilution ratio is less than or equal to 2:1.

2. If the dilution ratio is greater than 2:1, the logarithmic average pH of the effluent and the regional or statewide pH provided in 61.2(4) "f" will be used. In addition, the flow proportioned average temperature of the effluent and the regional or statewide temperature provided in 61.2(4) "f" will be used. The procedures for calculating these data are noted in the "Supporting Document for Iowa Water Quality Management Plans," Chapter IV, July 1976, as revised on July 16, 2003.

g. For ammonia criteria noted in Table 3, the following exceptions apply to the mixing zone requirements.

(1) No mixing zone or zone of initial dilution will be allowed for waters designated as lakes or wetlands.

(2) No zone of initial dilution will be allowed in waters designated as cold water.

(3) The use of a diffuser device to promote rapid mixing of an effluent in a receiving stream will be considered on a case-by-case basis with its usage as a means for dischargers to comply with an acute numerical criterion.

(4) A discharger to interior streams and rivers, the Big Sioux and Des Moines Rivers, and the Mississippi and Missouri Rivers may provide to the department, for consideration, instream data which technically supports the allowance of an increased percentage of the stream flow contained in the mixing zone due to rapid and complete mixing. Any allowed increase in mixing zone flow would still be governed by the mixing zone length restrictions. The submission of data should follow the guidance provided in the "Supporting Document for Iowa Water Quality Management Plans," Chapter IV, July 1976, as revised on July 16, 2003.

h. Temperature changes within mixing zones established for heat dissipation will not exceed the temperature criteria in 61.3(3) "b"(5).

i. The appropriateness of establishing a mixing zone where a substance discharged is bioaccumulative, persistent, carcinogenic, mutagenic, or teratogenic will be carefully evaluated. In such cases, effects such as potential groundwater contamination, sediment deposition, fish attraction, bioaccumulation in aquatic life, bioconcentration in the food chain, and known or predicted safe exposure levels shall be considered.

61.2(5) Implementation strategy. Numerical criteria specified in these water quality standards shall be met when the flow of the receiving stream equals or exceeds the design low flows noted below.

Type of Numerical Criteria	Design Low Flow Regime
Aquatic Life Protection (TOXICS)	
Acute	1Q ₁₀
Chronic	7Q ₁₀
Aquatic Life Protection (AMMONIA - N)	
Acute	1Q ₁₀
Chronic	30Q ₁₀
Human Health Protection & MCL	
Noncarcinogenic	30Q ₅
Carcinogenic	Harmonic mean

Exceptions may be made for intermittent or low flow streams classified as significant resource warm waters or limited resource warm waters. For these waters, the department may waive the design low flow requirement and establish a minimum flow in lieu thereof. Such waiver shall be granted only when it has been determined that the aquatic resources of the receiving waters are of no significance at flows less than the established minimum, and that the continued maintenance of the beneficial uses of the receiving waters will be ensured. In no event will toxic conditions be allowed to occur in the receiving waters outside of mixing zones established pursuant to subrule 61.2(4). The policy for granting waivers is described in the "Supporting Document for Iowa Water Quality Management Plans," Chapter IV, July 1976, as revised on July 16, 2003. (Copies are available upon request to the Department of Natural Resources, Henry A. Wallace Building, 900 East Grand, Des Moines, Iowa 50319-0034. Copy also on file with the Iowa Administrative Rules Coordinator.)

All minimum flows established under the provisions of this rule will be published by the department. The minimum flows, commonly termed protected flows, are presented in "Iowa Water Quality Standards: Protected Flows For Selected Stream Segments," dated April 1, 1996. A copy of this document is available upon request from the department. A copy is also on file with the Iowa Administrative Rules Coordinator.

a. The allowable 3°C temperature increase criterion for warm water interior streams, 61.3(3) "f"(1), is based in part on the need to protect fish from cold shock due to rapid cessation of heat source and resultant return of the receiving stream temperature to natural background temperature. On low flow streams, in winter, during certain conditions of relatively cold background stream temperature and relatively warm ambient air and groundwater temperature, certain wastewater treatment plants with relatively constant flow and constant temperature discharges will cause temperature increases in the receiving stream greater than allowed in 61.3(3) "f"(1).

b. During the period November 1 to March 31, for the purpose of applying the 3°C temperature increase criterion, the minimum protected receiving stream flow rate below such discharges may be increased to not more than three times the rate of flow of the discharge, where there is reasonable assurance that the discharge is of such constant temperature and flow rate and continuous duration as to not constitute a threat of heat cessation and not cause the receiving stream temperature to vary more than 3°C per day.

c. Site-specific water quality criteria may be allowed in lieu of the specific numerical criteria listed in Tables 1 and 3 of this chapter if adequate documentation is provided to show that the proposed criteria will protect all existing or potential uses of the surface water. Site-specific water quality criteria may be appropriate where:

- (1) The types of organisms differ significantly from those used in setting the statewide criteria; or
- (2) The chemical characteristics of the surface water such as pH, temperature, and hardness differ significantly from the characteristics used in setting the statewide criteria.

Development of site-specific criteria shall include an evaluation of the chemical and biological characteristics of the water resource and an evaluation of the impact of the discharge. All evaluations for site-specific criteria modification must be coordinated through the department, and be conducted using scientifically accepted procedures approved by the department. Any site-specific criterion developed under the provisions of this subrule is subject to the review and approval of the U.S. Environmental Protection Agency. All criteria approved under the provisions of this subrule will be published periodically by the department. Guidelines for establishing site-specific water quality criteria can be found in "Water Quality Standards Handbook," published by the U.S. Environmental Protection Agency, December 1983.

d. A wastewater treatment facility may submit to the department technically valid instream data which provides additional information to be used in the calculations of their wasteload allocations and effluent limitations. This information would be in association with the low flow characteristics, width, length and time of travel associated with the mixing zone or decay rates of various effluent parameters. The wasteload allocation will be calculated considering the applicable data and consistent with the provisions and restrictions in the rules.

567—61.3(455B) Surface water quality criteria.

61.3(1) Surface water classification. All waters of the state are classified for protection of beneficial uses. These classified waters include general use segments and designated use segments.

a. *General use segments.* These are intermittent watercourses and those watercourses which typically flow only for short periods of time following precipitation in the immediate locality or as a result of discharges from wastewater treatment facilities, and whose channels are normally above the water table. These waters do not support a viable aquatic community of significance during low flow, and do not maintain pooled conditions during periods of no flow.

However, during periods when sufficient flow exists in the intermittent watercourses to support various uses, the general use segments are to be protected for livestock and wildlife watering, noncontact recreation, crop irrigation, and industrial, agricultural, domestic and other incidental water withdrawal uses. The aquatic life existing within these watercourses during elevated flows will be protected from acutely toxic conditions.

b. *Designated use segments.* These are water bodies which maintain flow throughout the year, or contain sufficient pooled areas during intermittent flow periods to maintain a viable aquatic community of significance.

Designated use waters are to be protected for all uses of general use segments in addition to the specific uses assigned. Designated use segments include:

(1) Primary contact recreational use (Class "A1"). Waters in which recreational or other uses may result in prolonged and direct contact with the water, involving considerable risk of ingesting water in quantities sufficient to pose a health hazard. Such activities would include, but not be limited to, swimming, diving, water skiing, and water contact recreational canoeing.

(2) Secondary contact recreational use (Class "A2"). Waters in which recreational or other uses may result in contact with the water that is either incidental or accidental. During the recreational use, the probability of ingesting appreciable quantities of water is minimal. Class A2 uses include fishing, commercial and recreational boating, any limited contact incidental to shoreline activities and activities in which users do not swim or float in the water body while on a boating activity.

(3) Children's recreational use (Class "A3"). Waters in which recreational uses by children are common. Class A3 waters are water bodies having definite banks and bed with visible evidence of the flow or occurrence of water. This type of use would primarily occur in urban or residential areas.

(4) Cold water aquatic life (Class "B(CW)"). Waters in which the temperature, flow, and other habitat characteristics are suitable for the maintenance of a wide variety of cold water species, including nonreproducing populations of trout and associated aquatic communities.

(5) High quality water (Class "HQ"). Waters with exceptionally better quality than the levels specified in Tables 1, 2 and 3 and with exceptional recreational and ecological importance. Special protection is warranted to maintain the unusual, unique or outstanding physical, chemical, or biological characteristics which these waters possess.

(6) High quality resource water (Class "HQR"). Waters of substantial recreational or ecological significance which possess unusual, outstanding or unique physical, chemical, or biological characteristics which enhance the beneficial uses and warrant special protection.

(7) Significant resource warm water (Class "B(WW)"). Waters in which temperature, flow and other habitat characteristics are suitable for the maintenance of a wide variety of reproducing populations of warm water fish and associated aquatic communities, including sensitive species.

(8) Limited resource warm water (Class "B(LR)"). Waters in which flow or other physical characteristics limit the ability of the water body to maintain a balanced warm water community. Such waters support only populations composed of species able to survive and reproduce in a wide range of physical and chemical conditions, and are not generally harvested for human consumption.

(9) Lakes and wetlands (Class "B(LW)"). These are artificial and natural impoundments with hydraulic retention times and other physical and chemical characteristics suitable to maintain a balanced community normally associated with lake-like conditions.

(10) Drinking water supply (Class "C"). Waters which are used as a raw water source of potable water supply.

61.3(2) General water quality criteria. The following criteria are applicable to all surface waters including general use and designated use waters, at all places and at all times to protect livestock and wildlife watering, aquatic life, noncontact recreation, crop irrigation, and industrial, domestic, agricultural and other incidental water withdrawal uses not protected by the specific numerical criteria of subrule 61.3(3).

a. Such waters shall be free from substances attributable to point source wastewater discharges that will settle to form sludge deposits.

b. Such waters shall be free from floating debris, oil, grease, scum and other floating materials attributable to wastewater discharges or agricultural practices in amounts sufficient to create a nuisance.

c. Such waters shall be free from materials attributable to wastewater discharges or agricultural practices producing objectionable color, odor or other aesthetically objectionable conditions.

d. Such waters shall be free from substances attributable to wastewater discharges or agricultural practices in concentrations or combinations which are acutely toxic to human, animal, or plant life.

e. Such waters shall be free from substances, attributable to wastewater discharges or agricultural practices, in quantities which would produce undesirable or nuisance aquatic life.

f. The turbidity of the receiving water shall not be increased by more than 25 Nephelometric turbidity units by any point source discharge.

g. Total dissolved solids shall not exceed 750 mg/l in any lake or impoundment or in any stream with a flow rate equal to or greater than three times the flow rate of upstream point source discharges.

h. The Escherichia coli (E. coli) content of water which enters a sinkhole or losing stream segment, regardless of the water body's designated use, shall not exceed a Geometric Mean value of 126 organisms/100 ml or a sample maximum value of 235 organisms/100 ml. No new wastewater discharges will be allowed on watercourses which directly or indirectly enter sinkholes or losing stream segments.

61.3(3) Specific water quality criteria.

a. *Class "A" waters.* Waters which are designated as Class "A1," "A2," or "A3" in subrule 61.3(5) are to be protected for primary contact, secondary contact, and children's recreational uses. The general criteria of subrule 61.3(2) and the following specific criteria apply to all Class "A" waters.

(1) The Escherichia coli (E. coli) content shall not exceed the levels noted in the Bacteria Criteria Table when the Class "A1," "A2," or "A3" uses can reasonably be expected to occur.

Bacteria Criteria Table (organisms/100 ml of water)

Use	Geometric Mean	Sample Maximum
Class A1		
3/15 – 11/15	126	235
11/16 – 3/14	Does not apply	Does not apply
Class A2 (Only)		
3/15 – 11/15	630	2880
11/16 – 3/14	Does not apply	Does not apply
Class A2 and B(CW) or HQ		
Year-Round	630	2880
Class A3		
3/15 - 11/15	126	235
11/16 - 3/14	Does not apply	Does not apply

Class A1 - Primary Contact Recreational Use, Class A2 - Secondary Contact Recreational Use, Class A3 - Children's Recreational Use

When a water body is designated for more than one of the recreational uses, the most stringent criteria for the appropriate season shall apply.

(2) The pH shall not be less than 6.5 nor greater than 9.0. The maximum change permitted as a result of a waste discharge shall not exceed 0.5 pH units.

b. *Class "B" waters.* All waters which are designated as Class B(CW), B(WW), B(LR), or B(LW) are to be protected for wildlife, fish, aquatic and semiaquatic life. The following criteria shall apply to all Class "B" waters designated in subrule 61.3(5).

(1) Dissolved oxygen. Dissolved oxygen shall not be less than the values shown in Table 2 of this subrule.

(2) pH. The pH shall not be less than 6.5 nor greater than 9.0. The maximum change permitted as a result of a waste discharge shall not exceed 0.5 pH units.

(3) General chemical constituents. The specific numerical criteria shown in Tables 1, 2, and 3 of this subrule apply to all waters designated in subrule 61.3(5). The sole determinant of compliance with these criteria will be established by the department on a case-by-case basis. Effluent monitoring or instream monitoring, or both, will be the required approach to determine compliance.

1. The acute criteria represent the level of protection necessary to prevent acute toxicity to aquatic life. Instream concentrations above the acute criteria will be allowed only within the boundaries of the zone of initial dilution.

2. The chronic criteria represent the level of protection necessary to prevent chronic toxicity to aquatic life. Excursions above the chronic criteria will be allowed only inside of mixing zones or only for short-term periods outside of mixing zones; however, these excursions cannot exceed the acute criteria shown in Tables 1 and 3. The chronic criteria will be met as short-term average conditions at all times the flow equals or exceeds either the design flows noted in subrule 61.2(5) or any site-specific low flow established under the provisions of subrule 61.2(5).

3. The human health criteria represent the level of protection necessary, in the case of noncarcinogens, to prevent adverse health effects in humans, and in the case of carcinogens, to prevent a level of incremental cancer risk not exceeding 1 in 100,000. Instream concentrations in excess of the human health criteria will be allowed only within the boundaries of the mixing zone.

(4) The waters shall contain no substances in concentrations which will make fish or shellfish inedible due to undesirable tastes or cause a hazard to humans after consumption.

(5) Temperature.

1. No heat shall be added to interior streams or the Big Sioux River that would cause an increase of more than 3°C. The rate of temperature change shall not exceed 1°C per hour. In no case shall heat be added in excess of that amount that would raise the stream temperature above 32°C.

2. No heat shall be added to streams designated as cold water fisheries that would cause an increase of more than 2°C. The rate of temperature change shall not exceed 1°C per hour. In no case shall heat be added in excess of that amount that would raise the stream temperature above 20°C.

3. No heat shall be added to lakes and reservoirs that would cause an increase of more than 2°C. The rate of temperature change shall not exceed 1°C per hour. In no case shall heat be added in excess of that amount that would raise the temperature of the lake or reservoirs above 32°C.

4. No heat shall be added to the Missouri River that would cause an increase of more than 3°C. The rate of temperature change shall not exceed 1°C per hour. In no case shall heat be added that would raise the stream temperature above 32°C.

5. No heat shall be added to the Mississippi River that would cause an increase of more than 3°C. The rate of temperature change shall not exceed 1°C per hour. In addition, the water temperature at representative locations in the Mississippi River shall not exceed the maximum limits in the table below during more than 1 percent of the hours in the 12-month period ending with any month. Moreover, at no time shall the water temperature at such locations exceed the maximum limits in the table below by more than 2°C.

Zone II—Iowa-Minnesota state line to the northern Illinois border (Mile Point 1534.6).

Zone III—Northern Illinois border (Mile Point 1534.6) to Iowa-Missouri state line.

Month	Zone II	Zone III
January	4°C	7°C
February	4°C	7°C
March	12°C	14°C
April	18°C	20°C
May	24°C	26°C
June	29°C	29°C
July	29°C	30°C
August	29°C	30°C
September	28°C	29°C
October	23°C	24°C
November	14°C	18°C
December	9°C	11°C

(6) Early life stage for each use designation. The following seasons will be used in applying the early life stage present chronic criteria noted in Table 3b, "Chronic Criterion for Ammonia in Iowa Streams - Early Life Stages Present."

1. For all Class B(CW) waters, the early life stage will be year-round.
 2. For all Class B(WW) significant resource waters, the early life stage will begin in March and last through September except the following:

- For the following, the early life stage will begin in February and last through September:
 - The entire length of the Mississippi and Missouri Rivers,
 - The lower reach of the Des Moines River south of the Ottumwa dam, and
 - The lower reach of the Iowa River below the Cedar River.
- For the following, the early life stage will begin in April and last through September:
 - All Class B(WW) waters in the Southern Iowa River Basin,
 - All of the Class B(WW) reach of the Skunk River, the North Skunk River and the South Skunk River south of Indian Creek (Jasper County), and the Class B(WW) tributaries to these reaches, and
 - The entire Class B(WW) reach of the English River.

3. For all Class B(LR) waters, the early life stage will begin in April and last through September.

4. For all Class B(LW) lake and wetland waters, the early life stage will begin in March and last through September except for the Class B(LW) waters in the southern two tiers of Iowa counties which will have the early life stage of April through September.

c. *Class "C" waters.* Waters which are designated as Class "C" are to be protected as a raw water source of potable water supply. The following criteria shall apply to all Class "C" waters designated in subrule 61.3(5).

(1) Radioactive substances.

1. The combined radium-226 and radium-228 shall not exceed 5 picocuries per liter at the point of withdrawal.

2. Gross alpha particle activity (including radium-226 but excluding radon and uranium) shall not exceed 15 picocuries per liter at the point of withdrawal.

3. The average annual concentration at the point of withdrawal of beta particle and photon radioactivity from man-made radionuclides other than tritium and strontium-90 shall not produce an annual dose equivalent to the total body or any internal organ greater than 4 millirem/year.

4. The average annual concentration of tritium shall not exceed 20,000 picocuries per liter at the point of withdrawal; the average annual concentration of strontium-90 shall not exceed 8 picocuries per liter at the point of withdrawal.

(2) All substances toxic or detrimental to humans or detrimental to treatment process shall be limited to nontoxic or nondetrimental concentrations in the surface water.

(3) The pH shall not be less than 6.5 nor greater than 9.0.

TABLE 1. Criteria for Chemical Constituents
(all values as micrograms per liter unless noted otherwise)

Human health criteria for carcinogenic parameters noted below were based on the prevention of an incremental cancer risk of 1 in 100,000. For parameters not having a noted human health criterion, the U.S. Environmental Protection Agency has not developed final national human health guideline values. For noncarcinogenic parameters, the recommended EPA criterion was selected. For Class C waters, the EPA criteria for fish and water consumption were selected using the same considerations for carcinogenic and noncarcinogenic parameters as noted above. For Class C waters for which no EPA human health criteria were available, the EPA MCL value was selected.

Parameter		Use Designations				
		B(CW)	B(WW)	B(LR)	B(LW)	C
Alachlor	MCL	—	—	—	—	2
Aluminum	Chronic	87	388	773	748	—
	Acute	1106	4539	9035	983	—
Antimony	Human Health + — F & W	—	—	—	—	14
Arsenic (III)	Chronic	200	200	1000	200	—
	Acute	360	360	1800	360	—
	Human Health — Fish	50	50	—	50	—
	Human Health — F & W	—	—	—	—	.18
Asbestos	Human Health — F & W	—	—	—	—	7 ^(a)
Atrazine	MCL	—	—	—	—	3

Parameter		Use Designations				
		B(CW)	B(WW)	B(LR)	B(LW)	C
Barium	Human Health + — F & W	—	—	—	—	1000
Benzene	Human Health — F & W	—	—	—	—	12
	Human Health — Fish	712.8	712.8	—	712.8	—
Benzo(a)Pyrene	Human Health — F & W	—	—	—	—	.044
Beryllium	MCL	—	—	—	—	4
Bromoform	Human Health — F & W	—	—	—	—	43
	Human Health — Fish	3600	3600	—	3600	—
Cadmium	Chronic	1	15	25	1	—
	Acute	4	75	100	4	—
	Human Health + — Fish	168	168	—	168	—
	MCL	—	—	—	—	5
Carbofuran	MCL	—	—	—	—	40
Carbon Tetrachloride	Human Health — F & W	—	—	—	—	2.5
	Human Health — Fish	44.2	44.2	—	44.2	—
Chlordane	Chronic	.004	.004	.15	.004	—
	Acute	2.5	2.5	2.5	2.5	—
	Human Health — Fish	.006	.006	—	.006	—
	Human Health — F & W	—	—	—	—	.021
Chloride	MCL	—	—	—	—	250*
Chlorobenzene	Human Health + — Fish	21*	21*	—	21*	—
	MCL	—	—	—	—	100
Chlorodibromomethane	Human Health — F & W	—	—	—	—	4.1
	Human Health — Fish	340	340	—	340	—
Chloroform	Human Health — F & W	—	—	—	—	57
	Human Health — Fish	4700	4700	—	4700	—
Chloropyrifos	Chronic	.041	.041	.041	.041	—
	Acute	.083	.083	.083	.083	—
Chromium (VI)	Chronic	40	40	200	10	—
	Acute	60	60	300	15	—
	Human Health + — Fish	3365	3365	—	3365	—
	MCL	—	—	—	—	100

Parameter		Use Designations				
		B(CW)	B(WW)	B(LR)	B(LW)	C
Copper	Chronic	20	35	55	10	—
	Acute	30	60	90	20	—
	Human Health + — Fish	1000	1000	—	1000	—
	Human Health + — F & W	—	—	—	—	1300
Cyanide	Chronic	5	10	10	10	—
	Acute	20	45	45	45	—
	Human Health + — F & W	—	—	—	—	700
Dalapon	MCL	—	—	—	—	200
Dibromochloropropane	MCL	—	—	—	—	.2
4,4-DDT + +	Chronic	.001	.001	.029	.001	—
	Acute	.9	.8	.95	.55	—
	Human Health — Fish	.0059	.0059	—	.0059	—
	Human Health — F & W	—	—	—	—	.0059
o-Dichlorobenzene	MCL	—	—	—	—	600
para-Dichlorobenzene	Human Health + — F & W	—	—	—	—	400
	Human Health + — Fish	2.6*	2.6*	—	2.6*	—
3,3-Dichlorobenzidine	Human Health — Fish	.2	.2	—	.2	—
	Human Health — F & W	—	—	—	—	.4
Dichlorobromomethane	Human Health — F & W	—	—	—	—	5.6
	Human Health — Fish	460	460	—	460	—
1,2-Dichloroethane	Human Health — F & W	—	—	—	—	3.8
	Human Health — Fish	986	986	—	986	—
1,1-Dichloroethylene	Human Health — F & W	—	—	—	—	.57
	Human Health — Fish	32	32	—	32	—
cis-1,2-Dichloroethylene	MCL	—	—	—	—	70
trans-1,2-Dichlorethylene	Human Health + — F & W	—	—	—	—	700
Dichloromethane	MCL	—	—	—	—	5
1,2-Dichloropropane	Human Health — F & W	—	—	—	—	5.2
Di(2-ethylhexyl)adipate	MCL	—	—	—	—	400
Di(2-ethylhexyl)phthalate	Human Health — F & W	—	—	—	—	18

Parameter		Use Designations				
		B(CW)	B(WW)	B(LR)	B(LW)	C
Dieldrin	Chronic	.056	.056	.056	.056	—
	Acute	.24	.24	.24	.24	—
	Human Health — Fish	.0014	.0014	—	.0014	—
	Human Health — F & W	—	—	—	—	.0014
Dinoseb	MCL	—	—	—	—	7
2,3,7,8-TCDD (Dioxin)	Human Health — F & W	—	—	—	—	1.3 ⁷
	Human Health — Fish	.00014†	.00014†	—	.00014†	—
Diquat	MCL	—	—	—	—	20
2,4-D	Human Health + — F & W	—	—	—	—	100
Endosulfan ^(b)	Chronic	.056	.15	.15	.15	—
	Acute	.11	.3	.3	.3	—
	Human Health + — Fish	240	240	—	240	—
	Human Health + — F & W	—	—	—	—	110
Endothall	MCL	—	—	—	—	100
Endrin	Chronic	.05	.036	.036	.036	—
	Acute	.12	.086	.086	.086	—
	Human Health + — Fish	.81	.81	—	.81	—
	Human Health + — F & W	—	—	—	—	.76
Ethylbenzene	Human Health + — F & W	—	—	—	—	3100
Ethylene dibromide	MCL	—	—	—	—	.05
Fluoride	MCL	—	—	—	—	4000
Glyphosate	MCL	—	—	—	—	700
Heptachlor	Chronic	.0038	.0038	.01	.0038	—
	Acute	.38	.38	.38	.38	—
	Human Health — Fish	.002	.002	—	.002	—
	Human Health — F & W	—	—	—	—	.0021
Heptachlor epoxide	Human Health — F & W	—	—	—	—	.001
Hexachlorobenzene	Human Health — F & W	—	—	—	—	.0075

Parameter		Use Designations				
		B(CW)	B(WW)	B(LR)	B(LW)	C
γ -Hexachlorocyclohexane (Lindane)	Chronic	N/A	N/A	N/A	N/A	—
	Acute	.95	.95	.95	.95	—
	Human Health — Fish	.63	.63	—	.63	—
	Human Health — F & W	—	—	—	—	.19
Hexachlorocyclopentadiene	Human Health — F & W	—	—	—	—	240
Lead	Chronic	3	30	80	3	—
	Acute	80	200	750	80	—
	MCL	—	—	—	—	50
Mercury (II)	Chronic	3.5	2.1	3.7	.91	—
	Acute	6.5	4.0	6.9	1.7	—
	Human Health + — Fish	.15	.15	—	.15	—
	Human Health + — F & W	—	—	—	—	.05
Methoxychlor	Human health + — F & W	—	—	—	—	100
Nickel	Chronic	350	650	750	150	—
	Acute	3250	5800	7000	1400	—
	Human Health + — Fish	4584	4584	—	4584	—
	Human Health + — F & W	—	—	—	—	610
Nitrate as N	MCL	—	—	—	—	10*
Nitrate + Nitrite as N	MCL	—	—	—	—	10*
Nitrite as N	MCL	—	—	—	—	1*
Oxamyl (Vydate)	MCL	—	—	—	—	200
Parathion	Chronic	.013	.013	.013	.013	—
	Acute	.065	.065	.065	.065	—
Pentachlorophenol (PCP)	Chronic	(d)	(d)	(d)	(d)	—
	Acute	(d)	(d)	(d)	(d)	—
	Human Health — Fish	82	82	—	82	—
	Human Health — F & W	—	—	—	—	.28
Picloram	MCL	—	—	—	—	500

Parameter		Use Designations				
		B(CW)	B(WW)	B(LR)	B(LW)	C
Polychlorinated Biphenyls (PCBs)	Chronic	.014	.014	1	.014	—
	Acute	2	2	2	2	—
	Human Health — Fish	.0004	.0004	—	.0004	—
	Human Health — F & W	—	—	—	—	.0017
Polynuclear Aromatic Hydrocarbons (PAHs)**	Chronic	.03	.03	3	.03	—
	Acute	30	30	30	30	—
	Human Health — Fish	.3	.3	—	.3	—
	Human Health — F& W	—	—	—	—	.044
Phenols	Chronic	50	50	50	50	—
	Acute	1000	2500	2500	1000	—
	Human Health + — Fish	300	300	—	300	—
	Human Health + — F & W	—	—	—	—	21*
Selenium (VI)	Chronic	10	125	125	70	—
	Acute	15	175	175	100	—
	Human Health + — F & W	—	—	—	—	170
Silver	Chronic	N/A	N/A	N/A	N/A	—
	Acute	30	100	100	4	—
	MCL	—	—	—	—	50
2,4,5-TP (Silvex)	MCL	—	—	—	—	10
Simazine	MCL	—	—	—	—	4
Styrene	MCL	—	—	—	—	100
Tetracholorethylene	Human Health — F & W	—	—	—	—	8
Thallium	Human Health + — F & W	—	—	—	—	1.7
Toluene	Chronic	50	50	150	50	—
	Acute	2500	2500	7500	2500	—
	Human Health + — Fish	300*	300*	—	300*	—
	Human Health + — F & W	—	—	—	—	6800
Total Residual Chlorine (TRC)	Chronic	10	20	25	10	—
	Acute	35	35	40	20	—
Toxaphene	Chronic	.037	.037	.037	.037	—
	Acute	.73	.73	.73	.73	—
	Human Health — Fish	.0075	.0075	—	.0075	—
	Human Health — F & W	—	—	—	—	.0073

Parameter		Use Designations				
		B(CW)	B(WW)	B(LR)	B(LW)	C
1,2,4-Trichlorobenzene	MCL	—	—	—	—	70
1,1,1-Trichlorethane	MCL	—	—	—	—	200
	Human Health + — Fish	173*	173*	—	173*	—
1,1,2-Trichloroethane	Human Health — F & W	—	—	—	—	6
Trichloroethylene (TCE)	Chronic	80	80	80	80	—
	Acute	4000	4000	4000	4000	—
	Human Health — Fish	807	807	—	807	—
	Human Health — F & W	—	—	—	—	27
Trihalomethanes (total) ^(c)	MCL	—	—	—	—	80
Vinyl Chloride	Human Health — F & W	—	—	—	—	20
	Human Health — Fish	5250	5250	—	5250	—
Xylenes (Total)	MCL	—	—	—	—	10*
Zinc	Chronic	200	450	2000	100	—
	Acute	220	500	2200	110	—
	Human Health + — Fish	5000	5000	—	5000	—
	Human Health + — F & W	—	—	—	—	9100

* units expressed as milligrams/liter

** to include the sum of known and suspected carcinogenic PAHs

† expressed as nanograms/liter

+ represents the noncarcinogenic human health parameters

++ The concentrations of 4,4-DDT or its metabolites; 4,4-DDE and 4,4-DDD, individually shall not exceed the human health criteria.

- (a) units expressed as million fibers/liter (longer than 10 micrometers)
- (b) includes alpha-endosulfan, beta-endosulfan, and endosulfan sulfate in combination or as individually measured
- (c) The sum of the four trihalomethanes (bromoform [tribromomethane], chlorodibromomethane, chloroform [trichloromethane], and dichlorobromomethane) may not exceed the MCL.
- (d) Class B numerical criteria are for pentachlorophenol a function of pH using the equation: Criterion ($\mu\text{g/l}$) = $e^{[1.005(\text{pH}) - x]}$, where $e = 2.71828$ and x varies according to the following table.

	B(CW)	B(WW)	B(LR)	B(LW)
Acute	3.869	4.869	4.869	4.869
Chronic	4.134	5.134	5.134	5.134

TABLE 2. Criteria for Dissolved Oxygen
 (all values expressed in milligrams per liter as N)

	B(CW)	B(WW)	B(LR)	B(LW)
Minimum value for at least 16 hours of every 24-hour period	7.0	5.0	5.0	5.0*
Minimum value at any time during every 24-hour period	5.0	5.0	4.0	5.0*

**applies only to the upper layer of stratification in lakes*

TABLE 3a. Acute Criterion for Ammonia in Iowa Streams

pH	Acute Criterion, mg/l as N (or Criterion Maximum Concentration, CMC)	
	Class B(WW), B(LR) & B(LW)	Class B(CW) Cold Water
6.5	48.8	32.6
6.6	46.8	31.3
6.7	44.6	29.8
6.8	42.0	28.0
6.9	39.1	26.1
7.0	36.1	24.1
7.1	32.8	21.9
7.2	29.5	19.7
7.3	26.2	17.5
7.4	23.0	15.3
7.5	19.9	13.3
7.6	17.0	11.4
7.7	14.4	9.64
7.8	12.1	8.11
7.9	10.1	6.77
8.0	8.40	5.62
8.1	6.95	4.64
8.2	5.72	3.83
8.3	4.71	3.15
8.4	3.88	2.59
8.5	3.20	2.14
8.6	2.65	1.77
8.7	2.20	1.47
8.8	1.84	1.23
8.9	1.56	1.04
9.0	1.32	0.885

TABLE 3b. Chronic Criterion for Ammonia in Iowa Streams - Early Life Stages Present

pH	Chronic Criterion - Early Life Stages Present, mg/l as N (or Criterion Continuous Concentration, CCC)									
	Temperature, °C									
0	14	16	18	20	22	24	26	28	30	
6.5	6.67	6.67	6.06	5.33	4.68	4.12	3.62	3.18	2.80	2.46
6.6	6.57	6.57	5.97	5.25	4.61	4.05	3.56	3.13	2.75	2.42
6.7	6.44	6.44	5.86	5.15	4.52	3.98	3.50	3.07	2.70	2.37
6.8	6.29	6.29	5.72	5.03	4.42	3.89	3.42	3.00	2.64	2.32
6.9	6.12	6.12	5.56	4.89	4.30	3.78	3.32	2.92	2.57	2.25
7.0	5.91	5.91	5.37	4.72	4.15	3.65	3.21	2.82	2.48	2.18
7.1	5.67	5.67	5.15	4.53	3.98	3.50	3.08	2.70	2.38	2.09
7.2	5.39	5.39	4.90	4.31	3.78	3.33	2.92	2.57	2.26	1.99
7.3	5.08	5.08	4.61	4.06	3.57	3.13	2.76	2.42	2.13	1.87
7.4	4.73	4.73	4.30	3.78	3.32	2.92	2.57	2.26	1.98	1.74
7.5	4.36	4.36	3.97	3.49	3.06	2.69	2.37	2.08	1.83	1.61
7.6	3.98	3.98	3.61	3.18	2.79	2.45	2.16	1.90	1.67	1.47
7.7	3.58	3.58	3.25	2.86	2.51	2.21	1.94	1.71	1.50	1.32
7.8	3.18	3.18	2.89	2.54	2.23	1.96	1.73	1.52	1.33	1.17
7.9	2.8	2.8	2.54	2.24	1.96	1.73	1.52	1.33	1.17	1.03
8.0	2.43	2.43	2.21	1.94	1.71	1.50	1.32	1.16	1.02	0.897
8.1	2.10	2.10	1.91	1.68	1.47	1.29	1.14	1.00	0.879	0.773
8.2	1.79	1.79	1.63	1.43	1.26	1.11	0.973	0.855	0.752	0.661
8.3	1.52	1.52	1.39	1.22	1.07	0.941	0.827	0.727	0.639	0.562
8.4	1.29	1.29	1.17	1.03	0.906	0.796	0.700	0.615	0.541	0.475
8.5	1.09	1.09	0.990	0.870	0.765	0.672	0.591	0.520	0.457	0.401
8.6	0.920	0.920	0.836	0.735	0.646	0.568	0.499	0.439	0.386	0.339
8.7	0.778	0.778	0.707	0.622	0.547	0.480	0.422	0.371	0.326	0.287
8.8	0.661	0.661	0.601	0.528	0.464	0.408	0.359	0.315	0.277	0.244
8.9	0.565	0.565	0.513	0.451	0.397	0.349	0.306	0.269	0.237	0.208
9.0	0.486	0.486	0.442	0.389	0.342	0.300	0.264	0.232	0.204	0.179

TABLE 3c. Chronic Criterion for Ammonia in Iowa Streams - Early Life Stages Absent

pH	Chronic Criterion - Early Life Stages Absent, mg/l as N (or Criterion Continuous Concentration, CCC)									
	Temperature, °C									
	0.7	8	9	10	11	12	13	14	15*	16*
6.5	10.8	10.1	9.51	8.92	8.36	7.84	7.35	6.89	6.46	6.06
6.6	10.7	9.99	9.37	8.79	8.24	7.72	7.24	6.79	6.36	5.97
6.7	10.5	9.81	9.20	8.62	8.08	7.58	7.11	6.66	6.25	5.86
6.8	10.2	9.58	8.98	8.42	7.90	7.40	6.94	6.51	6.10	5.72
6.9	9.93	9.31	8.73	8.19	7.68	7.20	6.75	6.33	5.93	5.56
7.0	9.60	9.00	8.43	7.91	7.41	6.95	6.52	6.11	5.73	5.37
7.1	9.20	8.63	8.09	7.58	7.11	6.67	6.25	5.86	5.49	5.15
7.2	8.75	8.20	7.69	7.21	6.76	6.34	5.94	5.57	5.22	4.90
7.3	8.24	7.73	7.25	6.79	6.37	5.97	5.60	5.25	4.92	4.61
7.4	7.69	7.21	6.76	6.33	5.94	5.57	5.22	4.89	4.59	4.30
7.5	7.09	6.64	6.23	5.84	5.48	5.13	4.81	4.51	4.23	3.97
7.6	6.46	6.05	5.67	5.32	4.99	4.68	4.38	4.11	3.85	3.61
7.7	5.81	5.45	5.11	4.79	4.49	4.21	3.95	3.70	3.47	3.25
7.8	5.17	4.84	4.54	4.26	3.99	3.74	3.51	3.29	3.09	2.89
7.9	4.54	4.26	3.99	3.74	3.51	3.29	3.09	2.89	2.71	2.54
8.0	3.95	3.70	3.47	3.26	3.05	2.86	2.68	2.52	2.36	2.21
8.1	3.41	3.19	2.99	2.81	2.63	2.47	2.31	2.17	2.03	1.91
8.2	2.91	2.73	2.56	2.40	2.25	2.11	1.98	1.85	1.74	1.63
8.3	2.47	2.32	2.18	2.04	1.91	1.79	1.68	1.58	1.48	1.39
8.4	2.09	1.96	1.84	1.73	1.62	1.52	1.42	1.33	1.25	1.17
8.5	1.77	1.66	1.55	1.46	1.37	1.28	1.20	1.13	1.06	0.99
8.6	1.49	1.40	1.31	1.23	1.15	1.08	1.01	0.951	0.892	0.836
8.7	1.26	1.18	1.11	1.04	0.976	0.915	0.858	0.805	0.754	0.707
8.8	1.07	1.01	0.944	0.885	0.829	0.778	0.729	0.684	0.641	0.601
8.9	0.917	0.860	0.806	0.756	0.709	0.664	0.623	0.584	0.548	0.513
9.0	0.790	0.740	0.694	0.651	0.610	0.572	0.536	0.503	0.471	0.442

*At 15°C and above, the criterion for fish early life stage (ELS) absent is the same as the criterion for fish ELS present.

61.3(4) Class "C" waters. Rescinded IAB 4/18/90, effective 5/23/90.

61.3(5) Surface water classification. The department hereby incorporates by reference "Surface Water Classification," effective July 16, 2003. This document may be obtained from the Records Center, Iowa Department of Natural Resources, Wallace State Office Building, 900 East Grand Avenue, Des Moines, Iowa 50319-0034, or on the department's Web site at <http://www.state.ia.us/dnr/organiza/epd/wtressrc/wquality/index.htm>.

This rule is intended to implement Iowa Code chapter 455B, division I, and division III, part 1.

567—61.4 to 61.9 Reserved.

VOLUNTEER MONITORING DATA REQUIREMENTS

567—61.10(455B) Purpose. The department uses water quality monitoring data for a number of purposes, including determining compliance with effluent limits for operation permits issued under 567—Chapter 64. The department also uses water quality monitoring data to determine the relative health of a water body by comparing monitoring data to the appropriate water quality standards established in 567—Chapter 61, a process known as water body assessments. Water body assessments are performed to prepare the biennial water quality report required under Section 305(b) of the Act and the list of impaired waters under Section 303(d) of the Act.

Iowa Code sections 455B.193 to 455B.195 require that credible data, as defined in Iowa Code section 455B.171, be used for the purpose of preparing Section 303(d) lists and other water quality program functions. Data provided by a volunteer are not considered credible data unless provided by a qualified volunteer. The purpose of this chapter is to establish minimum requirements for data produced by volunteers to meet the credible data and qualified volunteer requirements.

567—61.11(455B) Monitoring plan required. Volunteer water quality monitoring data submitted to the department must have been produced in accordance with a department-approved volunteer water quality monitoring plan before the data may be used for any of the purposes listed in Iowa Code section 455B.194. Approval of a plan will establish qualified volunteer status for the personnel identified in the plan for those monitoring activities covered under the plan.

61.11(1) Submittal of the plan. Prior to initiation of volunteer water quality monitoring activities intended to produce credible data, a water quality monitoring plan must be submitted to the department for review and approval. The plan must be submitted to the Volunteer Monitoring Coordinator, Department of Natural Resources, Wallace State Office Building, Des Moines, Iowa 50319, a minimum of 90 days before planned initiation of volunteer monitoring activities. A letter transmitting the plan must specifically request formal review and approval of the plan and identify a contact person. Volunteer monitors are encouraged to communicate with the department and to attend volunteer monitoring training sessions prior to formal submittal of a plan.

61.11(2) Content of the plan. A volunteer monitoring plan must contain, at a minimum, the following to be considered an acceptable volunteer monitoring plan:

a. A statement of the intent of the monitoring effort.

b. The name(s) of the person or persons that will be involved in data collection or analysis, the specific responsibilities of each person or group of people, and the general qualifications of the volunteers to carry out those responsibilities. For groups, such as educational institutions, it will be acceptable to identify the persons involved by general description (e.g., tenth grade biology class) with the exception of persons in responsible charge.

c. The name(s) of the person or persons that will oversee the monitoring plan, ensure that quality assurance and control objectives are being met, and certify the data. The person or persons in responsible charge must have training commensurate with the level of expertise to ensure that credible data is being generated.

d. The duration of the volunteer monitoring effort. In general, the department will not approve plans of greater than three years' duration unless a longer duration is justified.

e. Location and frequency of sample collection.

f. Methods of data collection and analysis.

g. Record keeping and data reporting procedures.

61.11(3) Department review of the plan. The department will review monitoring plans and normally approve or disapprove the plan within 90 days of receipt. The department will work with the contact person identified in the plan to make any necessary changes prior to taking formal action. The department will use guidelines contained in the publications EPA Requirements for Quality Assurance Project Plans (EPA QA/R-5, 2001) and Volunteer Monitor's Guide to Quality Assurance Project Plans (1966, EPA 841-B-96-003) or equivalent updates to determine if the plans provide adequate quality assurance and quality control measures. Approval or disapproval of the plan will be in the form of a letter and approval may include conditions or limitations.

61.11(4) Changes in monitoring plans. The department must approve any changes to an approved monitoring plan. Data collected under a modified plan will not be considered credible data until such time as the department has approved the modifications. Modifications to an approved plan should be submitted at the earliest possible time to avoid interruptions in data collection and to ensure continuity of data.

61.11(5) Appeal of disapproval. If a monitoring plan submitted for approval is disapproved, the decision may be appealed by filing an appeal with the director within 30 days of disapproval. The form of the notice of appeal and appeal procedures are governed by 567—Chapter 7.

567—61.12(455B) Use of volunteer monitoring data. Data produced under an approved water quality monitoring plan will be considered credible data for the purposes listed in Iowa Code section 455B.194 if the following conditions are met.

61.12(1) Data submittal. A qualified volunteer monitor or qualified volunteer monitoring group must specifically request that data produced under an approved volunteer monitoring plan be considered credible data. A letter identifying the specific data must be submitted along with a certification from the volunteer or the person in responsible charge for volunteer groups that the data, to the best of the volunteer's or responsible person's knowledge, was produced in accordance with the approved volunteer monitoring plan. The department shall provide a standard format on the IOWATER Web site for submittal of qualified volunteer data and related information. The department encourages volunteers to enter monitoring data on the IOWATER volunteer monitoring database maintained by the department, but doing so does not constitute submittal to or acceptance of the data by the department for uses requiring credible data. Volunteer data shall be labeled as such in any departmental reports, Web sites, or databases.

61.12(2) Department review of submitted data. The department must review and approve the submitted data. The person submitting the data will be informed of the department's decision either to accept or reject the data. The department will attempt to resolve any apparent inconsistencies or questionable values in the submitted data prior to making a final decision.

567—61.13(455B) Department audits of volunteer monitoring activities. The department shall conduct field audits of a statistically valid and representative sample of volunteer data collection and analysis procedures to ensure compliance with an approved plan and may conduct confirmatory monitoring tests. Volunteers shall be informed of any audit results and be provided with an opportunity to address any concerns to the extent possible. The department reserves the right to rescind approval of an approved plan if it finds substantial problems that cannot be addressed in a timely manner to ensure the quality of the data being produced.

These rules are intended to implement Iowa Code chapter 455B, division III, part 1.

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SURFACE WATER CLASSIFICATION

Prepared by:

**Water Resources Section
Water Quality Bureau
Environmental Services Division**

December 15, 2004

Iowa Department of Natural Resources

Surface Water Classification

A. Key to the order of streams.

- (1) Streams are listed in downstream to upstream sequence within a basin.
- (2) Major streams (1st order) are described in entirety from downstream end to upstream end, before listing their tributary (2nd order) streams.
- (3) Tributary (2nd order) streams (if any) are then listed in downstream to upstream sequence, and each is described in entirety before listing its tributaries (3rd order), or before listing the next upstream 2nd order tributary.
- (4) When a stream and all its tributaries are described in entirety, the next upstream equal order stream is then listed and described.
- (5) The scheme is repeated through 3rd, 4th and 5th orders, as necessary.
- (6) The relationship of tributaries is indicated in the list by the slashes on the left margin. 3rd order tributaries are given one slash, 4th order tributaries are given two slashes, and so on.

Example:

MAJOR RIVER – RIVER A. AND ITS TRIBUTARIES

River A.

RIVER B. AND ITS TRIBUTARIES

River B.

\ River C.

\ \ Creek A.

\ River D.

\ \ Creek B.

\ \ \ Stream A.

\ \ \ Creek C.

River A is the 1st order stream. River B is a 2nd order tributary of River A. River C is a 3rd order tributary of River B. Creek A is a 4th order tributary of River C. River D is another 3rd order tributary of River B. Creek B is a 4th order tributary of River D. Stream A is a 5th order tributary of Creek B. Creek C is another 4th order tributary of River D.

- (7) In every basin except the Southern Iowa River Basin, the “MAJOR RIVER” is the 1st order stream for the entire basin. All of the streams with a capitalized and underlined heading listed after the major river are 2nd order tributaries of the major river. In the Southern Basin, all of the streams flowing out of Iowa from the south are given the “MAJOR RIVER” heading, as they are not tributaries to any stream in Iowa.

- (8) Stream names are in accordance with "Drainage Areas of Iowa Streams," U.S. Geological Survey, March 1974. Locally known names are used for streams not listed therein.
- (9) Each waterbody has an associated waterbody number to aid in locating them in their corresponding basin. An alphabetical index containing the waterbody number and the counties the waterbody is in is located at the beginning of each basin and the Lakes and Wetlands section. When two counties are listed for a waterbody, the first county indicates the location of the mouth or lower limit and the second county indicates the location of the upper limit.

B. Water use designation abbreviations.

"A" means contact recreation uses. "A1" means primary contact recreation uses, "A2" means secondary contact recreation uses, and "A3" means children's contact recreation uses. "B" means wildlife and aquatic life uses. "WW" means significant resource warm water, "LR" means limited resource warm water, "LW" means lakes and wetlands warm water, "CW1" means cold water – type 1, and "CW2" means cold water – type 2. "C" means raw water source of potable water supply. "HQ" means high quality water. "HQR" means high quality resource water.

C. Stream abbreviations.

"R." means river.
"Cr." means creek.
"Br." means branch.
"Fk." means fork.
"D. D." means drainage ditch.
"a.k.a." means also known as.
"E." "W." "N." "S." are compass directions.

D. Location abbreviations.

"R" means range.
"T" means township.
"S" means section.
"Rd." means road.
"Hwy." means highway.
"Co." means county.
"St." means street.
"NE," "NW," "SE," and "SW," are quarter sections.

E. Lake Abbreviations.

"S.W.M.A." means State Wildlife Management Area.
"S.G.M.A." means State Game Management Area.
"S.P.H.A." means State Public Hunting Area.

“S.P.H.&R.A.” means State Public Hunting and Recreation Area.
“S.F.G.A.” means State Fish and Game Area.
“S.G.A.” means State Game Area.
“S.H.A.” means State Hunting Area.
“S.W.A.” means State Wildlife Area.
“S.W.R.” means State Wildlife Refuge.
“S.R.A.” means State Recreation Area.
“W.A.” means Wildlife Area.
“W.R.” means Wildlife Refuge.
“W.R.A” means Wildlife Reserve Area.
“W.M.A.” means Wildlife Management Area.
“W.P.A.” means Waterfowl Production Area.
“W. & R.A.” means Wildlife and Recreation Area.
“G.M.A.” means Game Management Area.
“N.R.A.” means Natural Resource Area.
“N.A.” means Natural Area.
“R.A.” means Recreation Area.
“N.W.R.” means National Wildlife Refuge.
“N.F.W.R.” means National Fish and Wildlife Refuge.

Western Iowa River Basin - Index

Waterbody Name	Number	County
Allen Cr.	13	Harrison
Ashton Cr.	39	Ida
Bacon Cr.	37	Woodbury
Battle Cr.	29	Ida
Beaver Cr.	21	Crawford
Big Cr.	36	Woodbury
Big Muddy Cr.	55	Clay
Big Sioux R.	77	Woodbury
Boyer R.	11	Pottawattamie / Sac
Boyer R.	12	Sac
Broken Kettle Cr.	78	Plymouth
Brooke Cr.	48	Buena Vista
Bull Run	79	Plymouth
Deep Cr.	73	Plymouth
Dry Run	59	Osceola
Dugout Cr.	62	Dickinson
E. Boyer R.	15	Crawford
E. Soldier R.	20	Monona / Crawford
Elk Cr.	31	Ida
Floyd R.	69	Woodbury / Plymouth
Floyd R.	70	Plymouth / O'Brien
Fox Run	49	Buena Vista
Grey Cr.	44	Cherokee
Halfway Cr.	33	Ida
Henry Cr.	47	O'Brien
Indian Cr.	80	Plymouth / Sioux
Johns Cr. (a.k.a. Clear Cr.)	66	Plymouth
Jordan Cr.	19	Monona
Kanaranzi Cr.	88	Lyon
Keg Cr.	5	Mills / Harrison
Lake Manawa water intake structure	8	Pottawattamie
Little Floyd R.	75	Sioux / O'Brien
Little Maple R.	34	Cherokee / Buena Vista
Little Ocheyedan R.	58	Osceola
Little Rock R.	85	Lyon
Little Sioux R.	22	Harrison / Cherokee
Little Sioux R.	23	Cherokee / Buena Vista
Little Sioux R.	24	Buena Vista / Clay
Little Sioux R.	25	Clay / Dickinson

Western Iowa River Basin - Index

Waterbody Name	Number	County
Little Sioux R.	26	Dickinson
Lost Island Outlet	52	Clay
Maple Cr.	35	Cherokee
Maple R.	27	Monona / Ida
Maple R.	28	Ida / Cherokee
Milford Cr. (a.k.a. Mill Cr.)	60	Dickinson
Mill Cr.	43	Cherokee / O'Brien
Mink Cr.	72	Plymouth
Missouri R.	1	Woodbury
Missouri R.	2	Pottawattamie
Monona Harrison Co. Ditch	63	Harrison / Monona
Montgomery Cr.	51	Clay
Moser Cr.	9	Shelby
Mosquito Cr.	6	Pottawattamie
Mosquito Cr.	7	Pottawattamie / Shelby
Mud Cr.	65	Woodbury
Mud Cr.	87	Lyon
Ocheyedan R.	56	Clay
Odebolt Cr.	30	Ida
Otter Cr.	16	Crawford
Otter Cr.	86	Lyon / Osceola
Perry Cr.	76	Woodbury / Plymouth
Pickerel Run	53	Clay
Pierson Cr.	38	Woodbury
Pigeon Cr.	10	Pottawattamie
Plum Cr.	3	Fremont
Prairie Cr.	54	Clay
Rock Cr.	41	Cherokee
Rock R.	82	Sioux / Lyon
Rock R.	83	Lyon
Silver Cr.	32	Ida
Silver Cr.	42	Cherokee
Sixmile Cr.	81	Sioux
Soldier R.	17	Harrison
Soldier R.	18	Monona / Ida
Stony Cr.	57	Clay / Dickinson
Unnamed Cr.	84	Sioux
Unnamed Cr.	89	Sioux
Unnamed Cr.	90	Lyon

Western Iowa River Basin - Index

Waterbody Name	Number	County
Waterman Cr.	46	O'Brien
Waubonsie Cr.	4	Fremont / Mills
W. Br. Floyd R.	71	Plymouth / Sioux
W. Fk. Little Sioux R.	61	Dickinson
W. Fk. Little Sioux R.	64	Monona / Cherokee
Whiskey Cr. (a.k.a. Big Whiskey Slough)	67	Plymouth
Willow Cr.	14	Harrison / Monona
Willow Cr.	40	Cherokee
Willow Cr.	45	Cherokee / O'Brien
Willow Cr.	50	Clay
Willow Cr.	74	Plymouth / Sioux
Wolf Cr. (including Haitz Ditch)	68	Monona / Woodbury

Western Iowa River Basin - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
1	<u>MAJOR RIVER - MISSOURI R. AND ITS TRIBUTARIES</u> Missouri R.	Iowa-Missouri state line to confluence with the Big Sioux R.	X			X							
2	Missouri R.	City of Council Bluffs Water Works Intakes									X		
3	<u>PLUM CR. AND ITS TRIBUTARIES</u> Plum Cr.	Mouth (S6, T69N, R43W, Fremont Co.) to confluence with an unnamed tributary (S29, T70N, R42W, Fremont Co.)					X						
4	<u>WAUBONSIE CR. AND ITS TRIBUTARIES</u> Waubonsie Cr.	Mouth (S8, T70N, R43W, Fremont Co.) to confluence with an unnamed tributary (S25, T71N, R43W, Mills Co.)					X						
5	<u>KEG CR. AND ITS TRIBUTARIES</u> Keg Cr.	Mouth (S6, T71N, R43W, Mills Co.) to confluence with an unnamed tributary (S1/2, S35, T78N, R41W, Harrison Co.)					X						
6	<u>MOSQUITO CR. AND ITS TRIBUTARIES</u> Mosquito Cr.	Mouth (Pottawattamie Co.) to confluence with Little Mosquito Cr. (S29, T75N, R43W, Pottawattamie Co.)		X		X							
7	Mosquito Cr.	Confluence with Little Mosquito Cr. (Pottawattamie Co.) to confluence with Moser Cr. (S12, T80N, R40W, Shelby Co.)					X						
8	Lake Manawa water intake structure	Intake near the Norfolk and Western Railroad crossing in the middle of S7, T74N, R43W, Pottawattamie Co.										X	
9	\ Moser Cr.	Mouth (Shelby Co.) to confluence with an unnamed tributary (S30, T81N, R39W, Shelby Co.)					X						
10	<u>PIGEON CR. AND ITS TRIBUTARIES</u> Pigeon Cr.	Mouth (S3, T75N, R44W, Pottawattamie Co.) to confluence with N. Pigeon Cr. (S5, T76, R43W, Pottawattamie Co.)					X						
11	<u>BOYER R. AND ITS TRIBUTARIES</u> Boyer R.	Mouth (Pottawattamie Co.) to confluence with an unnamed tributary (S1/2, S33, T88N, R37W, Sac Co.)		X		X							
12	Boyer R.	Confluence with an unnamed tributary (S33, T88N, R37W, Sac Co.) to confluence with an unnamed tributary (SE1/4, SW1/4, S5, T89N, R37W, Sac Co.)					X						
13	\ Allen Cr.	Road Crossing at Hwy. 183 in S11, T79N, R44W, Harrison Co. to road crossing in E1/2, S25, T80N, R44W, Harrison Co.					X						
14	\ Willow Cr.	Mouth (S28, T78N, R44W, Harrison Co.) to confluence S. Willow Cr. (S27, T82N, R42W, Monona Co.)					X						
15	\ E. Boyer R.	Mouth (S10, T83N, R39W, Crawford Co.) to confluence with an unnamed tributary (NW1/4, S15, T84N, R37W, Crawford Co.)					X						
16	\ Otter Cr.	Mouth (S18, T84N, R38W, Crawford Co.) to confluence with E. Otter Cr. (NW1/4, S13, T85N, R39W, Crawford Co.)					X						
17	<u>SOLDIER R. AND ITS TRIBUTARIES</u> Soldier R.	Mouth (Harrison Co.) to confluence with E. Soldier R.		X		X							
18	Soldier R.	Confluence with E. Soldier R. (S34, T84N, R42W, Monona Co.) to confluence with Little Soldier Cr. (S24, T86N, R40W, Ida Co.)					X						
19	\ Jordan Cr.	Mouth (S16, T82N, R43W, Monona Co.) to confluence with an unnamed tributary (SE1/4, NE1/4, S10, T83N, R43W, Monona Co.)					X						
20	\ E. Soldier R.	Mouth (S34, T84N, R42W, Monona Co.) to confluence with Emigrant Cr. (S23, T84N, R41W, Crawford Co.)					X						
21	\ Beaver Cr.	Mouth (S1, T85N, R41W, Crawford Co.) to confluence with an unnamed tributary (NW1/4, S9, T85N, R40W, Crawford Co.)					X						
22	<u>LITTLE SIOUX R. AND ITS TRIBUTARIES</u> Little Sioux R.	Mouth (Harrison Co.) to Hwy. 3 in Cherokee (S26, T92N, R40W, Cherokee Co.)		X		X							
23	Little Sioux R.	Hwy. 3 in Cherokee (S26, T92N, R40W, Cherokee Co.) to Linn Grove Dam (Buena Vista Co.)	X			X							X
24	Little Sioux R.	Linn Grove Dam (Buena Vista Co.) to S17, T96N, R36W, Clay Co. (east corporate limit, Spencer)		X		X							X
25	Little Sioux R.	W. line, S17, T96N, R36W, Clay Co. to confluence with W. Fk. Little Sioux R. (Dickinson Co.)		X		X							
26	Little Sioux R.	Confluence with W. Fk. Little Sioux R. (S7, T99N, R37W Dickinson Co.) to the Iowa-Minnesota state line						X					
27	\ Maple R.	Mouth (S17, T83N, R44W, Monona Co.) to confluence with Silver Cr. (S13, T88N, R40W, Ida Co.)		X		X							
28	\ Maple R.	Confluence with Silver Cr. (S13, T88N, R40W, Ida Co.) to confluence with Maple Cr. (S5, T91N, R39W, Cherokee Co.)						X					

Western Iowa River Basin - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
29	\ \ Battle Cr.	Mouth (S26, T87N, R41W, Ida Co.) to confluence with an unnamed tributary (SW1/4, S24, T88N, R41W, Ida Co.)				X							
30	\ \ Odebolt Cr.	Mouth (Ida Co.) to confluence with an unnamed tributary (S24, T87N, R39W, Ida Co.)				X							
31	\ \ Elk Cr.	Mouth (S1, T87N, R40W, Ida Co.) to confluence with an unnamed tributary (W1/2, S36, T88N, R39W, Ida Co.)				X							
32	\ \ Silver Cr.	Mouth (S13, T88N, R40W, Ida Co.) to confluence with S. Silver Cr. (S9, T88N, R39W, Ida Co.)				X							
33	\ \ Halfway Cr.	Mouth (S22, T89N, R39W, Ida Co.) to confluence with unnamed tributary (SE1/4, S24, T89N, R39W, Ida Co.)				X							
34	\ \ Little Maple R.	Mouth (SW1/4, S34, T90N, R39W, Cherokee Co.) to confluence with an unnamed tributary (NE1/4, S20, T90N, R38W, Buena Vista Co.)				X							
35	\ \ Maple Cr.	Mouth (S5, T91N, R39W, Cherokee Co.) to confluence with an unnamed tributary (W1/2, S1, T91N, R39W, Cherokee Co.)				X							
36	\ Big Cr.	Mouth (S4, T87N, R43W, Woodbury Co.) to confluence with Coon Cr. (S35, T88N, R43W, Woodbury Co.)				X							
37	\ Bacon Cr.	Mouth (S1, T88N, R43W, Woodbury Co.) to confluence with an unnamed tributary (S2, T88N, R42W, Woodbury Co.)				X							
38	\ Pierson Cr.	Mouth (S34, T89N, R42W, Woodbury Co.) to confluence with an unnamed tributary (N1/2, S20, T89N, R42W, Woodbury Co.)				X							
39	\ Ashton Cr.	Mouth (S7, T89N, R41W, Ida Co.) to confluence with an unnamed tributary (S3, T89N, R41W, Ida Co.)				X							
40	\ Willow Cr.	Mouth (S30, T90N, R41W, Cherokee Co.) to confluence with an unnamed tributary (N1/2, S31, T91N, R41W, Cherokee Co.)				X							
41	\ Rock Cr.	Mouth (S10, T90N, R41W, Cherokee Co.) to confluence with an unnamed tributary (SE1/4, S21, T91N, R41W, Cherokee Co.)				X							
42	\ Silver Cr.	Mouth (S32, T91N, R40W, Cherokee Co.) to confluence with an unnamed tributary (N1/2, S22, T90N, R40W, Cherokee Co.)				X							
43	\ Mill Cr.	Mouth (S14, T92N, R40W, Cherokee Co.) to confluence with W. Br. Mill Cr. (S4, T95N, R41W, O'Brien Co.)				X							
44	\ \ Grey Cr.	Mouth (S10, T92N, R40W, Cherokee Co.) to confluence with an unnamed tributary (NE1/4, S22, T93N, R40W, Cherokee Co.)				X							
45	\ \ Willow Cr.	Mouth (SW1/4, S1, T93N, R41W, Cherokee Co.) to confluence with Nelson Cr. (S25, T94N, R41W, O'Brien Co.)				X							
46	\ Waterman Cr.	Mouth (S26, T94N, R39W, O'Brien Co.) to confluence with Epping Cr. (S36, T97N, R40W, O'Brien Co.)				X							
47	\ Henry Cr.	Mouth (S24, T94N, R39W, O'Brien Co.) to confluence with an unnamed tributary (S24, T94N, R39W, O'Brien Co.)				X							
48	\ Brooke Cr.	Mouth (SW1/4, S11, T93N, R38W, Buena Vista Co.) to confluence with an unnamed tributary (Center of S1/2, S24, T92N, R38W, Buena Vista Co.)				X							
49	\ Fox Run	Mouth (SW1/4, S12, T93N, R38W, Buena Vista Co.) to confluence with an unnamed tributary (NE1/4, S19, T93N, R37W, Buena Vista Co.)				X							
50	\ Willow Cr.	Mouth (S17, T94N, R36W, Clay Co.) to confluence with an unnamed tributary (NW1/4, S31, T95N, R37W, Clay Co.)				X							
51	\ Montgomery Cr.	Mouth (S3, T94N, R36W, Clay Co.) to confluence with an unnamed tributary (SE1/4, S11, T94N, R36W, Clay Co.)				X							
52	\ Lost Island Outlet	Mouth (Clay Co.) to confluence with Pickerel Run (S17, T96N, R36W, Clay Co.)				X							
53	\ \ Pickerel Run	Mouth (Clay Co.) to confluence with an unnamed tributary (S31, T97N, R35W, Clay Co.)				X							
54	\ Prairie Cr.	Mouth (S26, T96N, R36W, Clay Co.) to confluence with an unnamed tributary (S33, T96N, R36W, Clay Co.)				X							
55	\ Big Muddy Cr.	Mouth (S15, T96N, R36W, Clay Co.) to confluence with unnamed tributary (S17, T98N, R35W, Clay Co.)				X							
56	\ Ocheyedan R.	Mouth (Clay Co.) to the Iowa-Minnesota state line				X							
57	\ \ Stony Cr.	Mouth (Clay Co.) to confluence with an unnamed tributary (S27, T98N, R38W, Dickinson Co.)				X							

Western Iowa River Basin - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
58	\ \ Little Ocheyedan R.	Mouth (Osceola Co.) to confluence with an unnamed tributary (NW1/4, S4, T89N-T98N , R40W, Osceola Co.)				X							
59	\ \ Dry Run	Mouth (Osceola Co.) to confluence with an unnamed tributary (S17, T99N, R39W, Osceola Co.)				X							
60	\ Milford Cr. (a.k.a. Mill Cr.)	Mouth (Dickinson Co.) to confluence with an unnamed tributary (S18, T98N, R36W, Dickinson Co.)				X							
61	\ W. Fk. Little Sioux R.	Mouth (Dickinson Co.) to the Iowa-Minnesota state line				X							
62	\ \ Dugout Cr.	Mouth (Dickinson Co.) to confluence with the first upstream unnamed tributary (S15, T99N, R38W, Dickinson Co.)				X							
63	<u>MONONA-HARRISON DITCH AND ITS TRIBUTARIES</u> Monona Harrison Co. Ditch	Mouth (S21, T81N, R45W, Harrison Co.) to confluence with W. Fk. Little Sioux R. (Ditch) (S12, T84N, R45W, Monona Co.)		X	X								
64	\ W. Fk. Little Sioux R.	Mouth (S12, T84N, R45W, Monona Co.) to confluence with an unnamed tributary (S3, T91N, R42W, Cherokee Co.)				X							
65	\ \ Mud Cr.	Mouth (S31, T89N, R44W, Woodbury Co.) to confluence with an unnamed tributary (S6, T89N, R44W, Woodbury Co.)				X							
66	\ \ Johns Cr. (a.k.a. Clear Cr.)	Mouth (S24, T90N, R44W, Plymouth Co.) to confluence with Rathbun Cr. (S26, T91N, R44W, Plymouth Co.)				X							
67	\ \ Whiskey Cr. (a.k.a. Big Whiskey Slough)	Mouth (Plymouth Co.) to confluence with an unnamed tributary (NW1/4, S2, T91N, R43W, Plymouth Co.)				X							
68	\ Wolf Cr. (including Haitz Ditch)	Mouth (S12, T84N, R45W, Monona Co.) to confluence with E. Fk. Wolf Cr. (S30, T87N, R43W, Woodbury Co.)				X							
69	<u>FLOYD R. AND ITS TRIBUTARIES</u> Floyd R.	Mouth (Woodbury Co.) to confluence with W. Br. Floyd R. (Plymouth Co.)		X	X								
70	Floyd R.	Confluence with W. Br. Floyd R. (Plymouth Co.) to confluence with North Fork (S9, T97N, R41W, O'Brien Co.)				X							
71	\ W. Br. Floyd R.	Mouth (Plymouth Co.) to confluence with an unnamed tributary (NE1/4, S18, T96N, R44W, Sioux Co.)				X							
72	\ \ Mink Cr.	Mouth to confluence with an unnamed tributary (NE1/4, S21, T93N, R46W, Plymouth Co.)				X							
73	\ Deep Cr.	Mouth (Plymouth Co.) to confluence with an unnamed tributary (NE1/4, S35, T94N, R43W, Sioux Co.)				X							
74	\ \ Willow Cr.	Mouth (Plymouth Co.) to confluence with an unnamed tributary (NE1/4, S11, T93N, R44W, Sioux Co.)				X							
75	\ Little Floyd R.	Mouth (Sioux Co.) to confluence with Lamkin Cr. (S8, T96N, R42W, O'Brien Co.)				X							
76	<u>PERRY CR. AND ITS TRIBUTARIES</u> Perry Cr.	Mouth (S32, T89N, R47W, Woodbury Co.) to confluence with an unnamed tributary (S35, T91N, R47W, Plymouth Co.)				X							
77	<u>BIG SIOUX R. AND ITS TRIBUTARIES</u> Big Sioux R.	Mouth (Woodbury Co.) to Iowa-Minnesota state line	X		X								
78	\ Broken Kettle Cr.	Mouth (S9, T90N, R48W, Plymouth Co.) to confluence with an unnamed tributary (S19, T92N, R47W, Plymouth Co.)				X							
79	\ \ Bull Run	Mouth (S25, T92N, R48W, Plymouth Co.) to confluence with an unnamed tributary (S29, T92N, R47W, Plymouth Co.)				X							
80	\ Indian Cr.	Mouth (S9, T93N, R48W, Plymouth Co.) to confluence with an unnamed tributary (S33, T94N, R47W, Sioux Co.)				X							
81	\ Sixmile Cr.	Mouth (S28, T94N, R48W, Sioux Co.) to confluence with an unnamed tributary (S19, T95N, R46W, Sioux Co.)				X							
82	\ Rock R.	Mouth (Sioux Co.) to confluence with Kanaranzi Cr. (S28, T100N, R45W, Lyon Co.)		X	X								
83	\ Rock R.	Confluence with Kanaranzi Cr. (Lyon Co.) to the Iowa-Minnesota state line				X							
84	\ \ Unnamed Cr.	Mouth (S26, T97N, R47W, Sioux Co.) to confluence with an unnamed tributary (W1/2, S14, T97N, R47W, Sioux Co.)				X							
85	\ \ Little Rock R.	Mouth (Lyon Co.) to the Iowa-Minnesota state line				X							
86	\ \ \ Otter Cr.	Mouth (Lyon Co.) to confluence with an unnamed tributary (S14, T99N, R42W, Osceola Co.)				X							

Western Iowa River Basin - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
87	\ \ Mud Cr.	Mouth (Lyon Co.) to the Iowa-Minnesota state line				X							
88	\ \ Kanaranzi Cr.	Mouth (Lyon Co.) to the Iowa-Minnesota state line				X							
89	\ Unnamed Cr.	Mouth (S5, T96N, R47W, Sioux Co.) to confluence with an unnamed tributary (S29, T97N, R47W, Sioux Co.)				X							
90	\ Unnamed Cr.	Mouth (S16, T98N, R48W, Lyon Co.) to confluence with an unnamed tributary (S22, T98N, R48W, Lyon Co.)				X							

Southern Iowa River Basin - Index

Waterbody Name	Number	County
Bluegrass Cr.	29	Audubon
Brush Cr.	96	Appanoose
Brush Cr.	111	Lucas / Wayne
Brushy Cr.	51	Taylor
Camp Cr.	24	Cass
Carter Cr.	114	Davis
Chariton R.	89	Appanoose
Chariton R.	90	Appanoose
Chariton R.	91	Appanoose
Chariton R.	92	Appanoose
Chariton R.	93	Lucas
Chariton R.	94	Lucas
Cooper Cr.	98	Appanoose
Crooked Cr.	65	Ringgold
Davids Cr.	28	Audubon
Dick Cr.	108	Wayne
E. Br. W. Nishnabotna R.	15	Pottawattamie / Audubon
E. Fk. 102 R.	52	Taylor
E. Fk. 102 R.	53	Taylor
E. Fk. Grand R.	69	Ringgold
E. Fk. Medicine Cr.	83	Wayne
E. Nishnabotna R.	19	Fremont / Cass
E. Nishnabotna R.	20	Cass / Audubon
E. Nodaway R.	39	Page / Taylor
E. Nodaway R.	40	Taylor / Adams
E. Platte R.	60	Ringgold / Union
E. Tarkio Cr.	32	Page
Elk Cr.	18	Shelby / Crawford
Elk Cr.	74	Decatur
Elkhorn Cr.	25	Shelby
Farm Cr.	11	Mills / Pottawattamie
Fisher Cr.	22	Fremont
Fivemile Cr.	112	Lucas
Fourmile Cr.	77	Union
Fox R.	116	Davis
Gard Branch	59	Ringgold
Grand R.	62	Ringgold
Grand R.	63	Ringgold / Union
Greybill Cr.	12	Pottawattamie

Southern Iowa River Basin - Index

Waterbody Name	Number	County
Honey Cr.	54	Taylor
Honey Cr.	109	Lucas
Indian Cr.	9	Mills
Indian Cr.	23	Cass / Shelby
Jackson Cr.	104	Wayne
Jim Cr.	14	Pottawattamie
Jonathan Cr.	82	Decatur
Jordan Cr.	13	Pottawattamie
Jordan Cr.	103	Wayne
Little R.	79	Decatur
Little Walnut Cr.	100	Appanoose
Locust Cr.	84	Wayne
Long Cr.	75	Decatur / Clarke
Lotts Cr.	70	Ringgold
Middle Br. 102 R.	48	Taylor
Middle Fk. 102 R.	50	Taylor
Middle Fk. Grand R.	68	Ringgold
Middle Nodaway R.	41	Montgomery / Adair
Middle Nodaway R.	42	Adair
Middle Platte R.	61	Union
Middle Silver Cr.	8	Pottawattamie
Mill Cr.	21	Fremont
Mud Cr.	10	Mills
Ninemile Cr.	107	Wayne
Nishnabotna R.	1	Fremont
Nodaway R.	34	Page / Montgomery
North Cr.	87	Appanoose
N. Fabius R.	113	Davis
N. Fox Cr.	117	Davis / Appanoose
Packard Cr.	95	Appanoose
Platte Br.	55	Taylor
Platte R.	56	Taylor
Platte R.	57	Taylor / Union
Plum Cr.	67	Ringgold
Rose Branch	49	Taylor / Adams
Sevenmile Cr.	38	Montgomery / Cass
Shoal Cr.	88	Appanoose
Silver Cr.	6	Mills
Silver Cr.	7	Mills / Shelby

Southern Iowa River Basin - Index

Waterbody Name	Number	County
South Cr.	86	Appanoose
S. Fk. Chariton R.	101	Wayne
S. Fox Cr.	118	Davis
S. Shoal Cr.	85	Appanoose
S. Wyaconda R.	115	Davis
Squaw Cr.	66	Ringgold
Steel Cr.	81	Decatur
Tarkio R.	31	Page / Montgomery
Thompson R. (a.k.a. Grand R.)	71	Decatur
Thompson R. (a.k.a. Grand R.)	72	Decatur / Union
Thompson R. (a.k.a. Grand R.)	73	Union / Adair
Troublesome Cr.	27	Cass / Audubon
Turkey Cr.	26	Cass
Turkey Cr.	58	Ringgold
Twelvemile Cr.	76	Union
Unnamed Cr. (a.k.a. Lang Br.)	97	Appanoose
Unnamed Cr.	106	Wayne
Walker Br.	102	Wayne
Walnut Cr.	4	Fremont / Montgomery
Walnut Cr.	5	Montgomery / Pottawattamie
Walnut Cr.	64	Ringgold
Walnut Cr.	99	Appanoose
Weldon R.	80	Decatur
W. Br. 102 R.	46	Taylor
W. Br. 102 R.	47	Taylor / Adams
W. Branch Cr.	78	Madison
W. Fk. 102 R.	44	Taylor
W. Fk. 102 R.	45	Taylor
W. Fk. Middle Nodaway R.	43	Adair
W. Fk. W. Nishnabotna R.	16	Shelby / Crawford
W. Jackson Cr.	105	Wayne
W. Mill Cr.	33	Page
W. Nishnabotna R.	2	Fremont / Shelby
W. Nishnabotna R.	3	Carroll
W. Nodaway R.	35	Montgomery / Cass
W. Nodaway R.	36	Page
W. Nodaway R.	37	Cass
W. Tarkio Cr.	30	Page
Willow Cr.	17	Shelby

Southern Iowa River Basin - Index

Waterbody Name	Number	County
Wolf Cr.	110	Lucas / Wayne

Southern Iowa River Basin - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
1	<u>SOUTHERN MAJOR RIVER - NISHNABOTNA R. AND ITS TRIBUTARIES</u> Nishnabotna R.	Iowa-Missouri state line (Fremont Co.) to confluence of the E. Nishnabotna R. and the W. Nishnabotna R. (Fremont Co.)		X		X							
2	\ W. Nishnabotna R.	Mouth (Fremont Co.) to confluence with W. Fk. W. Nishnabotna R. (Shelby Co.)		X		X							
3	\ W. Nishnabotna R.	Confluence with W. Fk. W. Nishnabotna R. to confluence with an unnamed tributary (S34, T83N, R36W, Carroll Co.)						X					
4	\ \ Walnut Cr.	Mouth (S8, T69N, R41W, Fremont Co.) to confluence with an unnamed tributary (S30/31 line, T73N, R38W, Montgomery Co.)		X		X							
5	\ \ \ Walnut Cr.	Confluence with an unnamed tributary (S30/31 line, T73N, R38W, Montgomery Co.) to confluence with an unnamed tributary (S3, T76N, R38W, Pottawattamie Co.)						X					
6	\ \ Silver Cr.	Mouth (Mills Co.) to Hwy. 41 (Mills Co.)		X		X							
7	\ \ Silver Cr.	Hwy. 41 (Mills Co.) to confluence with Little Silver Cr. (S34, T78N, R40W, Shelby Co.)						X					
8	\ \ \ Middle Silver Cr.	Mouth (S31, T74N, R41W, Pottawattamie Co.) to confluence with Little Silver Cr. (S12, T74N, R42W, Pottawattamie Co.)						X					
9	\ \ Indian Cr.	Mouth (S13, T72N, R41W, Mills Co.) to confluence with an unnamed tributary (S26, T72N, R40W, Mills Co.)						X					
10	\ \ Mud Cr.	Mouth (S31, T73N, R40W, Mills Co.) to confluence with an unnamed tributary (NW1/4, S14, T73N, R41W, Mills Co.)						X					
11	\ \ Farm Cr.	Mouth (S9, T73N, R40W, Mills Co.) to confluence with Jordan Cr. (S31, T74N, R39W, Pottawattamie Co.)						X					
12	\ \ \ Greybill Cr.	Mouth (S36, T74N, R40W, Pottawattamie Co.) to confluence with unnamed tributary (NW1/4, S21, T75N, R39W, Pottawattamie Co.)						X					
13	\ \ \ Jordan Cr.	Mouth (S31, T74N, R39W, Pottawattamie Co.) to confluence with Spring Cr. (S4, T74N, R39W, Pottawattamie Co.)						X					
14	\ \ Jim Cr.	Mouth (S32, T77N, R39W, Pottawattamie Co.) to confluence with an unnamed tributary (S33, T77N, R39W, Pottawattamie Co.)						X					
15	\ \ E. Br. W. Nishnabotna R.	Mouth (S29, T77N, R39W, Pottawattamie Co.) to confluence with Lone Willow Cr. (S9, T80N, R36W, Audubon Co.)						X					
16	\ \ W. Fk. W. Nishnabotna R.	Mouth (Shelby Co.) to confluence with Malony Branch (S29, T83N, R37W, Crawford Co.)						X					
17	\ \ \ Willow Cr.	Mouth (Shelby Co.) to confluence with an unnamed tributary (S3, T81N, R39W, Shelby Co.)						X					
18	\ \ Elk Cr.	Mouth (Shelby Co.) to confluence with an unnamed tributary (NW1/4, S28, T82N, R37W, Crawford Co.)						X					
19	\ E. Nishnabotna R.	Mouth (Fremont Co.) to confluence with Troublesome Creek (Cass Co.)		X		X							
20	\ E. Nishnabotna R.	Confluence with Troublesome Cr. (S32, T77N, R36W, Cass Co.) to confluence with an unnamed tributary (E1/2, NW1/4, S6, T80N, R34W, Audubon Co.)						X					
21	\ \ Mill Cr.	Mouth (S31, T68N, R41W, Fremont Co.) to confluence with an unnamed tributary (SE1/4, NW1/4, S15, T67N, R41W, Fremont Co.)						X					
22	\ \ Fisher Cr.	Mouth (S27, T69N, R40W, Fremont Co.) to confluence with an unnamed tributary (S11/12 line, T68N, R40W, Fremont Co.)						X					
23	\ \ Indian Cr.	Mouth (S17, T75N, R37W, Cass Co.) to confluence with Wolf Cr. (S35, T79N, R37W, Shelby Co.)						X					
24	\ \ \ Camp Cr.	Mouth (S5/6 line, T77N, R37W, Cass Co.) to confluence with an unnamed tributary (S16, T77N, R37W, Cass Co.)						X					
25	\ \ \ Elkhorn Cr.	Mouth (S20, T78N, R37W, Shelby Co.) to confluence with an unnamed tributary (S10, T78N, R37W, Shelby Co.)						X					
26	\ \ Turkey Cr.	Mouth (S2, T75N, R37W, Cass Co.) to confluence with Eller Br. (S13, T76N, R36W, Cass Co.)						X					
27	\ \ Troublesome Cr.	Mouth (S32, T77N, R36W, Cass Co.) to confluence with Fourmile Cr. (S8, T78N, R34W, Audubon Co.)						X					
28	\ \ Davids Cr.	Mouth (S4, T78N, R35W, Audubon Co.) to confluence with Honey Cr. (S31, T79N, R34W, Audubon Co.)						X					

Southern Iowa River Basin - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
29	\ Bluegrass Cr.	Mouth (S14, T79N, R35W, Audubon Co.) to confluence with an unnamed tributary from the West (S34, T80N, R35W, Audubon Co.)					X						
	<u>MAJOR RIVER - W. TARKIO CR. AND ITS TRIBUTARIES</u>												
30	W. Tarkio Cr.	Iowa-Missouri state line (Page Co.) to confluence with an unnamed tributary (S9, T69N, R38W, Page Co.)					X						
	<u>MAJOR RIVER - TARKIO R. AND ITS TRIBUTARIES</u>												
31	Tarkio R.	Iowa-Missouri state line (Page Co.) to confluence with E. Tarkio Cr. (S4, T72N, R37W, Montgomery Co.)					X						
32	\ E. Tarkio Cr.	Mouth (S9, T68N, R38W, Page Co.) to confluence with an unnamed tributary (S7, T69N, R37W, Page Co.)					X						
	<u>MAJOR RIVER - W. MILL CR. AND ITS TRIBUTARIES</u>												
33	W. Mill Cr.	Iowa-Missouri state line to confluence with an unnamed tributary (NE1/4, S12, T67N, R38W, Page Co.)					X						
	<u>MAJOR RIVER - NODAWAY R. AND ITS TRIBUTARIES</u>												
34	Nodaway R.	Iowa-Missouri state line (Page Co.) to confluence of Middle Nodaway R. and W. Nodaway R. (Montgomery Co.)		X		X							
35	\ W. Nodaway R.	Mouth (S33, T71N, R36W, Montgomery Co.) to confluence with Threemile Cr. (S35, T74N, R36W, Cass Co.)		X		X							
36	\ W. Nodaway R.	City of Clarinda Water Works intake										X	
37	\ W. Nodaway R.	Confluence with Threemile Cr. (S35, T74N, R36W, Cass Co.) to confluence with Whislers Br. (SW1/4, S16, T74N, R35W, Cass Co.)					X						
38	\ \ Sevenmile Cr.	Mouth (S33, T73N, R36W, Montgomery Co.) to confluence with Fournile Cr. (S33, T75N, R36W, Cass Co.)					X						
39	\ E. Nodaway R.	Mouth (S6, T67N, R36W, Page Co.) to confluence with Long Br. (S17/18 line, T70N, R35W, Taylor Co.)		X		X							
40	\ E. Nodaway R.	Confluence with Long Branch (S17/18 line, T70N, R35W, Taylor Co.) to confluence with Shanghai Cr. (S16, T73N, R32W, Adams Co.)					X						
41	\ Middle Nodaway R.	Mouth (Montgomery Co.) to confluence with W. Fk. Middle Nodaway R. (S33, T74N, R33W, Adair Co.)		X		X							
42	\ Middle Nodaway R.	Confluence with W. Fk. Middle Nodaway R. (Adair Co.) to confluence with an unnamed tributary (S1, T75N, R32W, Adair Co.)					X						
43	\ \ W. Fk. Middle Nodaway R.	Mouth (S33, T74N, R33W, Adair Co.) to confluence with Rutt Br. (S15, T75N, R33W, Adair Co.)					X						
44	<u>MAJOR RIVER - W. FK. 102 R. AND ITS TRIBUTARIES</u>	Iowa-Missouri state line to the confluence with W. Br. 102 R. (S10, T68N, R35W, Taylor Co.)		X		X							
45	W. Fk. 102 R.	Confluence with W. Br. 102 R. (S10, T68N, R35W, Taylor Co.) to confluence with an unnamed tributary (S6, T70N, R34W, Taylor Co.)					X						
46	\ W. Br. 102 R.	Mouth (Taylor Co.) to confluence with Middle Br. 102 R. (S6, T69N, R34W, Taylor Co.)		X		X							
47	\ W. Br. 102 R.	Confluence with Middle Br. 102 R. (S6, T69N, R34W, Taylor Co.) to confluence with Willow Cr. (S29, T71N, R33W, Adams Co.)					X						
48	\ \ Middle Br. 102 R.	Mouth (Taylor Co.) to bridge crossing at (S16/21, T70N, R33W, Taylor Co.)					X						
49	\ Rose Br.	Mouth (Taylor Co.) to confluence with an unnamed tributary (S34, T71N, R34W, Adams Co.)					X						
50	<u>MAJOR RIVER - MIDDLE FK. 102 R. AND ITS TRIBUTARIES</u>	Iowa-Missouri state line to Hwy. 148 bridge crossing (S22/23 line, T69N, R34W, Taylor Co.)					X						
51	\ Brushy Cr.	Mouth (Taylor Co.) to confluence with an unnamed tributary (S24, T68N, R35W, Taylor Co.)					X						
52	<u>MAJOR RIVER - E. FK. 102 R. AND ITS TRIBUTARIES</u>	Iowa-Missouri state line to bridge crossing (Center, S8, T68N, R33W, Taylor Co.)		X		X							
53	E. Fk. 102 R.	City of Bedford Water Works intake										X	
54	<u>MAJOR RIVER - HONEY CR. AND ITS TRIBUTARIES</u>	Iowa-Missouri state line to confluence with an unnamed tributary (S14, T69N, R32W, Taylor Co.)					X						
55	<u>MAJOR RIVER - PLATTE BR. AND ITS TRIBUTARIES</u>	Iowa-Missouri state line to bridge crossing (S16/17, T68N, R32W, Taylor Co.)					X						
56	<u>MAJOR RIVER - PLATTE R. AND ITS TRIBUTARIES</u>	Iowa-Missouri state line (S28, T67N, R32W, Taylor Co.) to confluence with an unnamed tributary (NE1/4, S36, T68N, R32W, Taylor Co.)		X		X							

Southern Iowa River Basin - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
57	Platte R.	Confluence with an unnamed tributary (NE1/4, S36, T68N, R32W, Taylor Co.) to confluence with an unnamed tributary (NE1/4, S16, T72N, R31W, Union Co.)					X						
58	\ Turkey Cr.	Mouth (Ringgold Co.) to confluence with an unnamed tributary (NE1/4, S29, T69N, R31W, Ringgold Co.)					X						
59	\ Gard Br.	Mouth (Ringgold Co.) to confluence with an unnamed tributary (SE1/4, S20, T70N, R31W, Ringgold Co.)					X						
60	\ E. Platte R.	Mouth (S9, T70N, R31W, Ringgold Co.) to confluence with Middle Platte R. (S33, T71N, R31W, Union Co.)					X						
61	\ \ Middle Platte R.	Mouth (S33, T71N, R31W, Union Co.) to confluence with E. Br. Middle Platte R. (S16, T71N, R31W, Union Co.)					X						
62	<u>MAJOR RIVER - GRAND R. AND ITS TRIBUTARIES</u> Grand R.	Iowa-Missouri state line (S30, T67N, R31W, Ringgold Co.) to confluence with Crooked Cr. (S5, T68N, R30W, Ringgold Co.)		X	X								
63	Grand R.	Confluence with Crooked Cr. (S5, T68N, R30W, Ringgold Co.) to bridge crossing (S25/36 line, T71N, R30W, Union Co.)					X						
64	\ Walnut Cr.	Mouth (Ringgold Co.) to confluence with an unnamed tributary (NE1/4, S36, T69N, R30W, Ringgold Co.)					X						
65	\ Crooked Cr.	Mouth (Ringgold Co.) to confluence with Brush Cr. (S28, T69N, R30W, Ringgold Co.)					X						
66	\ Squaw Cr.	Mouth (Ringgold Co.) to confluence with an unnamed tributary (S27, T70N, R30W, Ringgold Co.)					X						
67	\ Plum Cr.	Mouth (Ringgold Co.) to confluence with W. Plum Cr. (S18, T70N, R30W, Ringgold Co.)					X						
68	<u>MAJOR RIVER - MIDDLE FK. GRAND R. AND ITS TRIBUTARIES</u> Middle Fk. Grand R.	Iowa-Missouri state line (Ringgold Co.) to confluence with an unnamed tributary (S13, T68N, R30W, Ringgold Co.)					X						
69	<u>MAJOR RIVER - E. FK. GRAND R. AND ITS TRIBUTARIES</u> E. Fk. Grand R.	Iowa-Missouri state line (Ringgold Co.) to confluence with Goosebury Cr. (S2, T68N, R29W, Ringgold Co.)					X						
70	<u>MAJOR RIVER - LOTT'S CR. AND ITS TRIBUTARIES</u> Lott's Cr.	Iowa-Missouri state line (Ringgold Co.) to confluence with Tuckers Cr. (S12, T67N, R29W, Ringgold Co.)					X						
71	<u>MAJOR RIVER - THOMPSON R. (A.K.A. GRAND R.) AND ITS TRIBUTARIES</u> Thompson R. (a.k.a. Grand R.)	Iowa-Missouri state line (Decatur Co.) to confluence with Long Cr. (SW1/4, S8, T69N, R26W, Decatur Co.)	X		X								
72	Thompson R. (a.k.a. Grand R.)	Confluence with Long Cr. (SW1/4, S8, T69N, R26W, Decatur Co.) to U.S. Hwy. 34 (S17, T72N, R28W, Union Co.)	X				X						
73	Thompson R. (a.k.a. Grand R.)	U.S. Hwy. 34 (S17, T72N, R28W, Union Co.) to confluence with Marvel Cr. (S8, T75N, R30W, Adair Co.)					X						
74	\ Elk Cr.	Mouth (S18, T68N, R26W, Decatur Co.) to confluence with an unnamed tributary (S20, T69N, R27W, Decatur Co.)					X						
75	\ Long Cr.	Mouth (S8, T69N, R26W, Decatur Co.) to confluence with E. Long Cr. (S36, T71N, R27W, Clarke Co.)					X						
76	\ Twelvemile Cr.	Mouth (S36, T71N, R28W, Union Co.) to confluence with an unnamed tributary (NW1/4, NE1/4, S12, T71N, R29W, Union Co.)					X						
77	\ Fourmile Cr.	Mouth (S2, T72N, R28W, Union Co.) to confluence with an unnamed tributary (E1/2, S23, T72N, R28W, Union Co.)					X						
78	\ W. Branch Cr.	Mouth (S34, T74N, R29W, Madison Co.) to confluence with an unnamed tributary (E1/2, S32, T74N, R29W, Madison Co.)					X						
79	<u>MAJOR RIVER - LITTLE R. AND ITS TRIBUTARIES</u> Little R.	Iowa-Missouri state line (Decatur Co.) to Dam at road crossing (SE1/2, NW1/4, S30, T69N, R25W, Decatur Co.)					X						
80	<u>MAJOR RIVER - WELDON R. AND ITS TRIBUTARIES</u> Weldon R.	Iowa-Missouri state line (Decatur Co.) to confluence with Mormon Pool (S28, T70N, R24W, Decatur Co.)					X						
81	\ Steel Cr.	Mouth (S10/11 line, T67N, R24W, Decatur Co.) to confluence with an unnamed tributary (NE1/4, S11, T68N, R24W, Decatur Co.)					X						
82	\ Jonathan Cr.	Mouth (S20, T69N, R24W, Decatur Co.) to confluence with Cobbsville Cr. (W1/2, S6, T69N, R24W, Decatur Co.)					X						
83	<u>MAJOR RIVER - E. FK. MEDICINE CR. AND ITS TRIBUTARIES</u> E. Fk. Medicine Cr.	Iowa-Missouri state line (Wayne Co.) to confluence with an unnamed tributary (E1/2, S24, T68N, R22W, Wayne Co.)					X						
84	<u>MAJOR RIVER - LOCUST CR. AND ITS TRIBUTARIES</u> Locust Cr.	Iowa-Missouri state line (Wayne Co.) to confluence with an unnamed tributary (S15, T67N, R20W, Wayne Co.)					X						

Southern Iowa River Basin - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
85	<u>MAJOR RIVER - S. SHOAL CR. AND ITS TRIBUTARIES</u> S. Shoal Cr.	Iowa-Missouri state line (Appanoose Co.) to confluence with North Cr. (N1/2, S16, T67N, R18W, Appanoose Co.)					X						
86	\ South Cr.	Mouth (S1/2, S16, T67N, R18W, Appanoose Co.) to confluence with an unnamed tributary (W1/2, S17, T67N, R18W, Appanoose Co.)					X						
87	\ North Cr.	Mouth (N1/2, S16, T67N, R18W, Appanoose Co.) to confluence with an unnamed tributary (W1/2, SE1/4, S8, T67N, R18W, Appanoose Co.)					X						
88	<u>MAJOR RIVER - SHOAL CR. AND ITS TRIBUTARIES</u> Shoal Cr.	Iowa-Missouri state line (Appanoose Co.) to confluence with an unnamed tributary (S28, T68N, R19W, Appanoose Co.)					X						
89	<u>MAJOR RIVER - CHARITON R. AND ITS TRIBUTARIES</u> Chariton R.	Iowa-Missouri state line (Appanoose Co.) to Hwy. 2 (S27, T69N, R17W, Appanoose Co.)		X	X								
90	Chariton R.	Hwy. 2 (S27, T69N, R17W, Appanoose Co.) to Rathbun Reservoir Dam (S35, T69N, R18W, Appanoose Co.)	X		X							X	
91	Chariton R.	Rathbun Regional Water Company water supply intake										X	
92	Chariton R.	Rathbun Reservoir Dam to upper extent of RathbunLake conservation pool	X		X							X	
93	Chariton R.	Upper extent of Rathun Lake conservation pool to Highway 14 (Lucas Co.)					X					X	
94	Chariton R.	Highway 14 (Lucas Co.) to confluence with Chariton Cr. (S19, T71N, R23W, Lucas Co.)					X						
95	\ Packard Cr.	Mouth (S8, T67N, R16W, Appanoose Co.) to confluence with an unnamed tributary (S1, T67N, R17W, Appanoose Co.)					X						
96	\ Brush Cr.	Mouth (S6, T67N, R16W, Appanoose Co.) to confluence with an unnamed tributary (S22, T68N, R17W, Appanoose Co.)					X						
97	\ Unnamed Cr. (a.k.a. Lang Br.)	Mouth (S17, T67N, R16W, Appanoose Co.) to confluence with an unnamed tributary (S14, T67N, R16W, Appanoose Co.)					X						
98	\ Cooper Cr.	Mouth (Appanoose Co.) to confluence with an unnamed tributary (S9, T68N, R19W, Appanoose Co.)					X						
99	\ Walnut Cr.	Mouth (Appanoose Co.) to confluence with an unnamed tributary (S31, T69N, R19W, Appanoose Co.)					X						
100	\ Little Walnut Cr.	Mouth (Appanoose Co.) to confluence with Wolf Br. (S12, T69N, R19W, Appanoose Co.)					X						
101	\ S. Fk. Chariton R.	Mouth (Lake Rathbun) to outfall of Bob White State Park Lake (S4, T68N, R22W, Wayne Co.)					X						
102	\\ Walker Br.	Mouth (S36, T70N, R20W, Wayne Co.) to confluence with S. Fk. Walker Br. (SE1/4, S26, T70N, R20W, Wayne Co.)					X						
103	\\ Jordan Cr.	Mouth (S1, T70N, R21W, Wayne Co.) to confluence with an unnamed tributary (E1/2, NW1/4, S26, T70N, R21W, Wayne Co.)					X						
104	\\ Jackson Cr.	Mouth (S1, T70N, R21W, Wayne Co.) to confluence with an unnamed tributary (S12, T68N, R21W, Wayne Co.)					X						
105	\\\ W. Jackson Cr.	Mouth (S25, T69N, R21W, Wayne Co.) to confluence with an unnamed tributary (S31, T69N, R21W, Wayne Co.)					X						
106	\\\ Unnamed Cr.	Mouth (S5, T69N, R21W, Wayne Co.) to confluence with an unnamed tributary (S7, T69N, R21W, Wayne Co.)					X						
107	\\\ Ninemile Cr.	Mouth (S4, T69N, R22W, Wayne Co.) to confluence with an unnamed tributary (S31, T70N, R22W, Wayne Co.)					X						
108	\\\ Dick Cr.	Mouth (S16, T69N, R22W, Wayne Co.) to confluence with an unnamed tributary (NE1/4, S18, T69N, R22W, Wayne Co.)					X						
109	\ Honey Cr.	Mouth (S26, T71N, R20W, Lucas Co.) to confluence with an unnamed tributary (S10, T71N, R20W, Lucas Co.)					X						
110	\ Wolf Cr.	Mouth (S15, T71N, R21W, Lucas Co.) to confluence with an unnamed tributary (E1/2, NW1/4, S8, T70N, R22W, Wayne Co.)					X						
111	\ Brush Cr.	Mouth (S31, T71N, R21W, Lucas Co.) to confluence with an unnamed tributary (SW1/4, S13, T70N, R22W, Wayne Co.)					X						
112	\\\ Fivemile Cr.	Mouth (S35, T71N, R22W, Lucas Co.) to confluence with an unnamed tributary (S29, T71N, R22W, Lucas Co.)					X						

Southern Iowa River Basin - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
113	<u>MAJOR RIVER - N. FABIUS R. AND ITS TRIBUTARIES</u> N. Fabius R.	Iowa-Missouri state line to confluence with an unnamed tributary (Center, S33, T68N, R15W, Davis Co.)					X						
114	<u>MAJOR RIVER - CARTER CR. AND ITS TRIBUTARIES</u> Carter Cr.	Iowa-Missouri state line to confluence with an unnamed tributary (NW1/4, S28, T68N, R14W, Davis Co.)					X						
115	<u>MAJOR RIVER - S. WYACONDA R. AND ITS TRIBUTARIES</u> S. Wyaconda R.	Iowa-Missouri state line to confluence with an unnamed tributary (NE1/4, S19, T68N, R13W, Davis Co.)					X						
116	<u>MAJOR RIVER - FOX R. AND ITS TRIBUTARIES</u> Fox R.	Iowa-Missouri state line to confluence with an unnamed tributary (S29, T69N, R15W, Davis Co.)					X						
117	\ N. Fox Cr.	Mouth (S23, T69N, R15W, Davis Co.) to confluence with an unnamed tributary (S2, T69N, R16W, Appanoose Co.)					X						
118	\ S. Fox Cr.	Mouth (SE1/4, S28, T69N, R15W, Davis Co.) to confluence with an unnamed tributary (S5, T68N, R15W, Davis Co.)					X						

Des Moines River Basin - Index

Waterbody Name	Number	County
Badger Cr.	60	Warren / Madison
Badger Cr.	164	Webster
Bay Br.	89	Guthrie
Bear Cr.	22	Davis
Bear Cr.	81	Dallas
Bear Cr.	139	Boone
Beaver Cr.	129	Polk / Boone
Beaver Cr.	166	Humboldt
Beaver Cr.	184	Pocahontas
Big Cr. (a.k.a. Big Cr. Lake Outlet)	135	Polk
Big Cr. (a.k.a. Big Cr. Lake Outlet)	136	Polk
Big Cr.	137	Polk / Boone
Black Cat Cr.	172	Kossuth
Bloody Run	170	Humboldt
Blue Earth R. (a.k.a. Middle Br. Blue Earth R.)	188	Kossuth
Bluff Cr.	30	Mahaska
Bluff Cr.	141	Boone
Boone R.	143	Webster / Hamilton
Boone R.	144	Hamilton
Boone R.	145	Hamilton / Wright
Boone R.	146	Wright / Hancock
Brush Cr.	21	Davis / Wapello
Brush Cr.	39	Lucas
Brushy Cr.	95	Guthrie
Brushy Cr.	96	Audubon / Carroll
Brushy Cr.	154	Webster
Brushy Cr.	155	Webster
Buck Cr.	148	Hamilton
Buck Run	127	Sac
Buffalo Cr.	175	Kossuth / Winnebago
Buttrick Cr.	106	Greene
Calhoun Cr.	40	Marion / Jasper
Camp Cr.	41	Jasper / Polk
Camp Cr.	122	Calhoun
Cavitt Cr.	48	Warren
Cedar Cr.	31	Mahaska / Marion
Cedar Cr.	32	Marion / Monroe
Cedar Cr.	61	Madison
Cedar Cr.	111	Greene

Des Moines River Basin - Index

Waterbody Name	Number	County
Cedar Cr.	112	Greene / Calhoun
Cedar Cr.	125	Sac / Pocahontas
Chequest Cr.	17	Van Buren / Wapello
Clanton Cr.	49	Warren / Madison
Coal Cr.	43	Warren / Marion
Competine Cr.	35	Marion
Cylinder Cr.	183	Palo Alto
D.D. 94	150	Wright
Dead Brier Cr.	105	Greene
Deer Cr.	94	Guthrie
Deer Cr.	165	Webster
Des Moines R.	1	Lee / Polk
Des Moines R.	2	Wapello
Des Moines R.	3	Polk
Des Moines R.	4	Polk
Des Moines R.	5	Polk
Des Moines R.	6	Polk
Des Moines R.	7	Polk
Des Moines R.	8	Dallas / Boone
Des Moines R.	9	Boone / Webster
Des Moines R.	10	Webster
Des Moines R.	11	Webster
Des Moines R.	12	Webster / Humboldt
Des Moines R.	13	Humboldt / Kossuth
Eagle Cr.	149	Hamilton / Wright
E. Buttrick Cr.	108	Greene
E. Cedar Cr.	113	Calhoun
E Fk. Des Moines R.	167	Humboldt / Kossuth
E Fk. Des Moines R.	168	Kossuth
E Fk. Des Moines R.	169	Kossuth / Emmett
Elk Run	117	Carroll
English Cr.	34	Marion
Fourmile Cr.	68	Polk
Fourmile Cr.	69	Polk
Greenbrier Cr.	104	Dallas / Greene
Hardin Cr.	109	Greene
Hickory Cr.	101	Dallas
Honey Cr.	140	Boone
Howerdon Cr.	66	Madison

Des Moines River Basin - Index

Waterbody Name	Number	County
Indian Cr.	124	Sac
Indian Cr.	181	Humboldt
Jack Cr.	186	Palo Alto / Emmett
Jim Cr.	64	Madison
Joint D. D. 9, 13	120	Calhoun
Jones Cr.	50	Madison
Lake Cr.	118	Calhoun
Lake Cr.	119	Calhoun
Lick Cr.	15	Lee
Lindsey Cr.	174	Kossuth
Little Beaver Cr.	130	Polk
Little Beaver Cr.	131	Dallas / Boone
Little Cedar Cr.	126	Pocahontas
Little Fourmile Cr.	70	Polk
Little Soap Cr.	20	Davis / Wapello
Little White Breast Cr.	38	Lucas
Lizard Cr.	159	Webster
Lizard Cr.	160	Webster / Pocahontas
Lotts Cr.	171	Humboldt / Kossuth
Marrowbone Cr.	116	Carroll
Middle Avery Cr.	26	Wapello / Monroe
Middle Beaver Cr.	133	Boone
Middle Br. Boone R.	153	Hancock
Middle Cr.	59	Warren
Middle Raccoon R.	82	Dallas
Middle Raccoon R.	83	Dallas / Guthrie
Middle Raccoon R.	84	Guthrie
Middle Raccoon R.	85	Guthrie
Middle Raccoon R.	86	Guthrie / Carroll
Middle Raccoon R.	87	Carroll
Middle R.	46	Warren / Madison
Middle R.	47	Madison / Guthrie
Miller Cr.	28	Wapello / Monroe
Mosquito Cr.	88	Dallas / Guthrie
Muchakinock Cr.	29	Monroe / Mahaska
Mud Cr.	45	Polk
Mud Cr.	178	Kossuth
N. Avery Cr.	27	Wapello / Monroe
N. Br. Lizard Cr.	163	Pocahontas

Des Moines River Basin - Index

Waterbody Name	Number	County
N. Br. North R.	62	Madison
N. Buffalo Cr. (a.k.a. Little Buffalo Cr.)	177	Kossuth / Winnebago
N. Cedar Cr.	33	Marion / Monroe
N. Fk. Clanton Cr.	52	Madison
N. Raccoon R.	97	Dallas / Carroll
N. Raccoon R.	98	Carroll / Sac
N. Raccoon R.	99	Sac / Buena Vista
N. Raccoon R.	100	Buena Vista
North R.	56	Polk / Warren
North R.	57	Warren
North R.	58	Warren / Adair
Old Channel - Des Moines R.	187	Palo Alto
Orman Cr.	65	Madison
Otter Cr.	44	Warren / Lucas
Otter Cr.	151	Wright
Outlet Cr.	128	Buena Vista
Panther Cr.	79	Dallas
Pilot Cr.	182	Pocahontas
Plum Cr.	173	Kossuth
Plunger Cr.	67	Adair
Prairie Cr.	121	Calhoun
Prairie Cr.	152	Wright / Kossuth
Prairie Cr.	156	Webster
Prairie Cr.	157	Webster
Prairie Cr. (a.k.a. D. D. 61)	180	Pocahontas / Palo Alto
Purgatory Cr.	115	Carroll / Calhoun
Raccoon R.	71	Polk
Raccoon R.	72	Polk
Raccoon R.	73	Dallas
Reeds Cr.	16	Van Buren
Rock Cr.	134	Polk
Short Cr.	110	Greene
Silver Cr.	185	Palo Alto
Skillet Cr.	142	Webster
Slough Cr.	132	Dallas
Snake Cr.	103	Dallas / Greene
Soap Cr.	18	Wapello / Davis
Soap Cr.	19	Davis / Monroe
Soldier Cr.	158	Webster

Des Moines River Basin - Index

Waterbody Name	Number	County
Soldier Cr.	179	Emmett
S. Avery Cr.	25	Wapello
S. Br. Lizard Cr.	161	Webster / Pocahontas
S. Fk. Clanton Cr.	51	Madison
S. Fk. Middle R.	54	Guthrie
S. Raccoon R.	77	Dallas / Guthrie
S. Raccoon R.	78	Guthrie
South R.	42	Warren
S. Soap Cr.	23	Davis / Appanoose
Spring Br.	92	Carroll
Spring Cr.	55	Polk
Spring Cr.	162	Webster
Sugar Cr.	14	Lee
Sugar Cr.	76	Dallas
Swan Lake Br.	102	Dallas
Tom Cr.	63	Madison
Union Slough N.W.R.	176	Kossuth
Union Slough Ditch (a.k.a. Union Slough Outlet)	190	Kossuth
Unnamed Cr.	93	Carroll
Unnamed Cr.	114	Greene
Village Cr.	24	Wapello
Walnut Cr.	74	Polk
Walnut Cr.	75	Polk / Dallas
Welty Cr.	53	Madison
W. Buttrick Cr.	107	Greene / Webster
W. Fk. Blue Earth R. (a.k.a. W. Br. Blue Earth R.)	189	Kossuth
W. Fk. Camp Cr.	123	Calhoun
W. Br. Panther Cr.	80	Dallas
White Breast Cr.	36	Marion / Lucas
White Breast Cr.	37	Lucas / Clarke
White Fox Cr.	147	Hamilton / Wright
Willey Br.	91	Carroll
Willow Cr.	90	Guthrie / Greene
Wolf Cr.	138	Polk

Des Moines River Basin - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
1	<u>MAJOR RIVER - DES MOINES R. AND ITS TRIBUTARIES</u> Des Moines R.	Mouth (Lee Co.) to confluence with the Raccoon R. (includes Red Rock Reservoir)	X			X							
2	Des Moines R.	Ottumwa Municipal Water Works intake									X		
3	Des Moines R.	Raccoon R. to Center St. Dam in Des Moines		X		X							
4	Des Moines R.	Center St. Dam in Des Moines to Hwy. I-80 / I-35 (S17, T79N, R24W, Polk Co.)	X			X							
5	Des Moines R.	Des Moines Water Works intake, Prospect Park (NE1/4, S28, T79N, R24W, Polk Co.)									X		
6	Des Moines R.	Hwy. I-80 / I-35 to Saylorville Reservoir Dam		X		X							
7	Des Moines R.	Saylorville Reservoir Dam to Polk-Dallas Co. line	X			X							
8	Des Moines R.	Saylorville Reservoir to Fraser Dam (S2, T84N, R27W, Boone Co.)		X		X							
9	Des Moines R.	Fraser Dam (Boone Co.) to W. line of S15, T88N, R28W, Webster Co.		X		X						X	
10	Des Moines R.	W. line of S15, T88N, R28W, Webster Co. to dam of upper impoundment at Fort Dodge		X		X							
11	Des Moines R.	Upper impoundment at Fort Dodge	X			X							
12	Des Moines R.	Fort Dodge Upper impoundment to Humboldt Impoundment (a.k.a. Lake Nokomis) Dam		X		X							
13	Des Moines R.	Humboldt Impoundment (a.k.a. Lake Nokomis) Dam to state line	X			X							
14	<u>SUGAR CR. AND ITS TRIBUTARIES</u> Sugar Cr.	Mouth (Lee Co.) to bridge crossing (S8, T67N, R6W, Lee Co.)							X				
15	<u>LICK CR. AND ITS TRIBUTARIES</u> Lick Cr.	Mouth (S19, T67N, R7W, Lee Co.) to confluence with an unnamed tributary (S32, T68N, R7W, Lee Co.)							X				
16	<u>REEDS CR. AND ITS TRIBUTARIES</u> Reeds Cr.	Mouth (S15, T68N, R8W, Van Buren Co.) to bridge crossing (S11, T68N, R8W, Van Buren Co.)							X				
17	<u>CHEQUEST CR. AND ITS TRIBUTARIES</u> Chequest Cr.	Mouth (S27, T69N, R10W, Van Buren Co.) to confluence with N. Chequest Cr. (S25, T70N, R13W, Wapello Co.)							X				
18	<u>SOAP CR. AND ITS TRIBUTARIES</u> Soap Cr.	Mouth (S35, T71N, R12W, Wapello Co.) to confluence with Little Soap Cr. (S1, T70N, R13W, Davis Co.)		X		X							
19	Soap Cr.	Davis Co.) to confluence with an unnamed tributary (W1/2, NE1/4, S31, T71N, R16W, Monroe Co.)							X				
20	\ Little Soap Cr.	Mouth (S1, T70N, R13W, Davis Co.) to confluence with an unnamed tributary (S21, T71N, R15W, Wapello Co.)							X				
21	\ Brush Cr.	Mouth (S3, T70N, R14W, Davis Co.) to confluence with an unnamed tributary (E1/2, S25, T71N, R15W, Wapello Co.)							X				
22	\ Bear Cr.	Mouth (S19, T70N, R14W, Davis Co.) to confluence with an unnamed tributary (E1/2, S4, T70N, R15W, Davis Co.)							X				
23	\ S. Soap Cr.	Mouth (S21, T70N, R15W, Davis Co.) to Lake Dam (S29, T70N, R16W, Appanoose Co.)							X				
24	<u>VILLAGE CR. AND ITS TRIBUTARIES</u> Village Cr.	Mouth (S9, T71N, R13W, Wapello Co.) to confluence with Sandy Cr. (NW1/4, S9, T71N, R14W, Wapello Co.)							X				
25	<u>S. AVERY CR. AND ITS TRIBUTARIES</u> S. Avery Cr.	Mouth (S31, T73N, R14W, Wapello Co.) to confluence with an unnamed tributary (NE1/4, S15, T72N, R15W, Wapello Co.)							X				
26	<u>MIDDLE AVERY CR. AND ITS TRIBUTARIES</u> Middle Avery Cr.	Mouth (S25, T73N, R15W, Wapello Co.) to confluence with White Ash and Little Avery Crs. (W. line, S12, T72N, R16W, Monroe Co.)							X				
27	N. Avery Cr.	Mouth (S34, T73N, R15W, Wapello Co.) to confluence with an unnamed tributary (Center, S34, T73N, R16W, Monroe Co.)							X				
28	<u>MILLER CR. AND ITS TRIBUTARIES</u> Miller Cr.	Mouth (Wapello Co.) to confluence with an unnamed tributary (S29, T73N, R16W, Monroe Co.)							X				

Des Moines River Basin - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
29	<u>MUCHAKINOCK CR. AND ITS TRIBUTARIES</u> Muchakinock Cr.	Mouth (E. line, S1, T73N, R16W, Monroe Co.) to confluence with an unnamed tributary (NW1/4, SW1/4, S27, T76N, R17W, Mahaska Co.)					X						
30	<u>BLUFF CR. AND ITS TRIBUTARIES</u> Bluff Cr.	Mouth (S22, T74N, R16W, Mahaska Co.) to confluence with Little Bluff Cr. (S19, T74N, R16W, Mahaska Co.)					X						
31	<u>CEDAR CR. AND ITS TRIBUTARIES</u> Cedar Cr.	Mouth (S33, T75N, R17W, Mahaska Co.) to confluence with N. Cedar Cr. (NE1/4, S15, T74N, R18W, Marion Co.)	X			X							
32	Cedar Cr.	Confluence with N. Cedar Cr. (NE1/4, S15, T74N, R18W, Marion Co.) to confluence with Mormon Br. (S5, T71N, R18W, Monroe Co.)					X						
33	\ N. Cedar Cr.	Mouth (S15, T74N, R18W, Marion Co.) to confluence with Sage Cr. (SE1/4, S7, T73N, R19W, Monroe Co.)					X						
34	<u>ENGLISH CR. AND ITS TRIBUTARIES</u> English Cr.	Mouth (Marion Co.) to confluence with Long Br. (S16, T74N, R20W, Marion Co.)					X						
35	<u>COMPETINE CR. AND ITS TRIBUTARIES</u> Competine Cr.	Mouth (Marion Co.) to confluence with an unnamed tributary (S5, T75N, R19W, Marion Co.)					X						
36	<u>WHITE BREAST CR. AND ITS TRIBUTARIES</u> White Breast Cr.	Mouth (S10, T76N, R19W, Marion Co.) to confluence with Little White Breast Cr. (S11, T73N, R22W, Lucas Co.)	X			X							
37	White Breast Cr.	Confluence with Little White Breast Cr. (Lucas Co.) to confluence with an unnamed tributary (S4, T71N, R24W, Clarke Co.)					X						
38	\ Little White Breast Cr.	Mouth (Lucas Co.) to Ellis Lake (S27, T72N, R21W, Lucas Co.)					X						
39	\ Brush Cr.	Mouth (Lucas Co.) to confluence with an unnamed tributary (W1/2, S21, T72N, R23W, Lucas Co.)					X						
40	<u>CALHOUN CR. AND ITS TRIBUTARIES</u> Calhoun Cr.	Mouth (Marion Co.) to confluence with Union Valley Cr. (S33, T78N, R20W, Jasper Co.)					X						
41	<u>CAMP CR. AND ITS TRIBUTARIES</u> Camp Cr.	Mouth (Jasper Co.) to confluence with an unnamed tributary (S14, T79N, R22W, Polk Co.)					X						
42	<u>SOUTH R. AND ITS TRIBUTARIES</u> South R.	Mouth (S12, T77N, R22W, Warren Co.) to confluence with Painter Cr. (SE1/4, S13, T75N, R25W, Warren Co.)					X						
43	\ Coal Cr.	Mouth (Warren Co.) to confluence with Coon Cr. (S29, T76N, R21W, Marion Co.)					X						
44	\ Otter Cr.	Mouth (S34, T76N, R23W, Warren Co.) to confluence with Otter Cr. and S. Otter Cr. (NE1/4, S8, T73N, R23W, Lucas Co.)					X						
45	<u>MUD CR. AND ITS TRIBUTARIES</u> Mud Cr.	Mouth (Polk Co.) to confluence with an unnamed tributary (S36, T80N, R23W, Polk Co.)					X						
46	<u>MIDDLE R. AND ITS TRIBUTARIES</u> Middle R.	Mouth (Warren Co.) to confluence with Bush Br. (S8, T75N, R29W, Madison Co.)	X			X							
47	Middle R.	Confluence with Bush Br. (S8, T75N, R29W, Madison Co.) to confluence with an unnamed tributary (NE1/4, S17, T78N, R32W, Guthrie Co.)					X						
48	\ Cavitt Cr.	Mouth (Warren Co.) to confluence with an unnamed tributary (S13, T76N, R24W, Warren Co.)					X						
49	\ Clanton Cr.	Mouth (N1/2, S28, T76N, R25W, Warren Co.) to confluence with N. & S. Fk. Clanton Cr. (SW1/4, S10, T74N, R27W, Madison Co.)					X						
50	\ \ Jones Cr.	Mouth (Madison Co.) to confluence with an unnamed tributary (S28, T75N, R27W, Madison Co.)					X						
51	\ \ S. Fk. Clanton Cr.	Mouth (Madison Co.) to confluence with an unnamed tributary (NE1/4, NW1/4, S36, T74N, R28W, Madison Co.)					X						
52	\ \ N. Fk. Clanton Cr.	Mouth (Madison Co.) to confluence with an unnamed tributary (S8/9, T74N, R28W, Madison Co.)					X						
53	\ Welty Cr.	Mouth (S14, T75N, R29W, Madison Co.) to confluence with Rocky Br. (SE1/4, S22, T75N, R29W, Madison Co.)					X						
54	\ S. Fk. Middle R.	Mouth (S35, T78N, R32W, Guthrie Co.) to confluence with an unnamed tributary (S33, T78N, R32W, Guthrie Co.)					X						
55	<u>SPRING CR. AND ITS TRIBUTARIES</u> Spring Cr.	Mouth (S31, T78N, R22W, Polk Co.) to confluence with an unnamed tributary (SE1/4, S1, T78N, R23W, Polk Co.)					X						
56	<u>NORTH R. AND ITS TRIBUTARIES</u> North R.	Mouth (Polk Co.) to County Rd. R63 (S16, T77N, R24W, Warren Co.)	X			X							

Des Moines River Basin - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
57	North R.	County Rd. R63 (S16, T77N, R24W, Warren Co.) to confluence with Badger Cr. (S33, T77N, R25W, Warren Co.)	X			X							X
58	North R.	Confluence with Badger Cr. (S33, T77N, R25W, Warren Co.) to confluence with an unnamed tributary (S11, T77N, R31W, Adair Co.)					X						
59	\ Middle Cr.	Mouth (Warren Co.) to Lake Colechester Dam (NE1/4, S1, T77N, R25W, Warren Co.)					X						
60	\ Badger Cr.	Mouth (Warren Co.) to Badger Lake Dam (NW1/4, S13, T77N, R27W, Madison Co.)					X						
61	\ Cedar Cr.	Mouth (S9, T76N, R26W, Madison Co.) to confluence with an unnamed tributary (NW1/4, S26, T76N, R28W, Madison Co.)					X						
62	\ N. Br. North R.	Mouth (Madison Co.) to confluence with an unnamed tributary (S5, T77N, R29W, Madison Co.)					X						
63	\ \ Tom Cr.	Mouth (Madison Co.) to confluence with an unnamed tributary (S26, T77N, R29W, Madison Co.)					X						
64	\ \ Jim Cr.	Mouth (Madison Co.) to confluence with an unnamed tributary (S15, T77N, R29W, Madison Co.)					X						
65	\ Orman Cr.	Mouth (S10, T76N, R28W, Madison Co.) to confluence with unnamed tributary (E1/2, S4, T76N, R28W, Madison Co.)					X						
66	\ Howerton Cr.	Mouth (S17, T76N, R28W, Madison Co.) to confluence with an unnamed tributary (SW1/4, S25, T76N, R29W, Madison Co.)					X						
67	\ Plunger Cr.	Mouth (Adair Co.) to confluence with an unnamed tributary (S26, T77N, R30W, Adair Co.)					X						
68	<u>FOURMILE CR. AND ITS TRIBUTARIES</u> Fourmile Cr.	Mouth (Polk Co.) to Co. Rd. bridge (S18, T80N, R23W, Polk Co.)			X		X						
69	Fourmile Cr.	Co. Rd. bridge (S18, T80N, R23W, Polk Co.) to bridge crossing (N. line of S22, T81N, R24W, Polk Co.)					X						
70	\ Little Fourmile Cr.	Mouth (Polk Co.) to confluence with an unnamed tributary (S35, T79N, R23W, Polk Co.)					X						
71	<u>RACOON R. AND ITS TRIBUTARIES</u> Raccoon R.	Mouth (Polk Co.) to Polk-Dallas Co. line	X			X							
72	Raccoon R.	City of Des Moines Water Works intake									X		
73	Raccoon R.	Polk-Dallas Co. line to confluence of N. Raccoon R. and S. Raccoon R.	X			X						X	
74	\ Walnut Cr.	Mouth (S13, T78N, R25W, Polk Co.) to Interstate 35/80 (S33, T79N, R25W, Polk Co.)			X		X						
75	\ Walnut Cr.	Interstate 35/80 (S33, T79N, R25W, Polk Co.) to confluence with Little Walnut Cr. (SE1/4, S24, T79N, R26W, Dallas Co.)					X						
76	\ Sugar Cr.	Mouth (S26, T78N, R26W, Dallas Co.) to confluence with an unnamed tributary from the West (S8, T78N, R26W, Dallas Co.)					X						
77	\ S. Raccoon R.	Mouth (Dallas Co.) to confluence with Brushy Cr. (Guthrie Co.)		X		X							
78	\ S. Raccoon R.	Confluence with Brushy Cr. (S22, T79N, R31W, Guthrie Co.) to confluence with Frost Cr. (S18, T80N, R32W, Guthrie Co.)					X						
79	\ \ Panther Cr.	Mouth (S16, T78N, R28W, Dallas Co.) to confluence with W. & E. Panther Cr. (S16, T79N, R28W, Dallas Co.)					X						
80	\ \ W. Br. Panther Cr.	Mouth (S16, T79N, R28W, Dallas Co.) to confluence with an unnamed tributary (NW1/4, S9, T79N, R28W, Dallas Co.)					X						
81	\ \ Bear Cr.	Mouth (S17, T78N, R28W, Dallas Co.) to confluence with an unnamed tributary (SW1/4, S25, T78N, R29W, Dallas Co.)					X						
82	\ \ Middle Raccoon R.	Mouth (Dallas Co.) to Redfield Dam (S5, T78N, R29W, Dallas Co.)	X			X							
83	\ \ Middle Raccoon R.	Redfield Dam (Dallas Co.) to Lake Panorama Dam (S31, T80N, R30W, Guthrie Co.)	X			X							X
84	\ \ Middle Raccoon R.	City of Panora Water Works intakes									X		

Des Moines River Basin - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
85	\ \ Middle Raccoon R.	Lake Panorama	X			X							X
86	\ \ Middle Raccoon R.	Lake Panorama to confluence with Willey Br. (S26, T83N, R34W, Carroll Co.)	X				X						
87	\ \ Middle Raccoon R.	Confluence with Willey Br. (Carroll Co.) to confluence with an unnamed tributary (S8, T84N, R35W, Carroll Co.)						X					
88	\ \ \ Mosquito Cr.	Mouth (S34, T79N, R29W, Dallas Co.) to confluence with an unnamed tributary (S21, T81N, R30W, Guthrie Co.)						X					
89	\ \ \ Bay Br.	Mouth (S9, T79N, R30W, Guthrie Co.) to dam at Bay Br. Marsh (NW1/4, S27, T80N, R30W, Guthrie Co.)							X				
90	\ \ \ Willow Cr.	Mouth (Guthrie Co.) to confluence with an unnamed tributary (SW1/4, S30, T83N, R32W, Greene Co.)							X				
91	\ \ \ Willey Br.	Mouth (Carroll Co.) to confluence with an unnamed tributary (S29, T83N, R34W, Carroll Co.)							X				
92	\ \ \ Spring Br.	Mouth (Carroll Co.) to confluence with an unnamed tributary (S16, T83N, R34W, Carroll Co.)						X					
93	\ \ \ Unnamed Cr.	northern road crossing on the section line between S24, T84N, R35W, and S19, T84N, R34W, Carroll Co.)							X				
94	\ \ Deer Cr.	Mouth (S15, T78N, R30W, Guthrie Co.) to confluence with an unnamed tributary (NE1/4, NE1/4, S19, T78N, R30W, Guthrie Co.)							X				
95	\ \ Brushy Cr.	Mouth (Guthrie Co.) to Guthrie-Audubon Co. line	X			X							
96	\ \ Brushy Cr.	Guthrie-Audubon Co. line to confluence with an unnamed tributary (S6, T82N, R34W, Carroll Co.)						X					
97	\ N. Raccoon R.	Mouth (Dallas Co.) to Hwy. 286 (S17, T85N, R33W, Carroll Co.)	X			X							X
98	\ N. Raccoon R.	Hwy. 286 (Carroll Co.) to Sac. Co. Rd. M54 (S24, T88N, R36W, Sac Co.)	X			X							
99	\ N. Raccoon R.	Sac Co. Road M54 (S24, T88N, R36W, Sac Co.) to confluence with D.D. 101 (S36, T91N, R36W, Buena Vista Co.)		X		X							
100	\ N. Raccoon R.	R36W, Buena Vista Co.) to confluence with unnamed tributary (S4, T92N, R36W, Buena Vista Co.)							X				
101	\ \ Hickory Cr.	Mouth (S17, T79N, R27W, Dallas Co.) to confluence with unnamed tributary (westernmost tributary in W1/2, S16, T79N, R27W, Dallas Co.)							X				
102	\ \ Swan Lake Br.	Mouth (S28, T81N, R28W, Dallas Co.) to W. line S4, T80N, R28W, Dallas Co.							X				
103	\ \ Snake Cr.	Mouth (S2, T81N, R29W, Dallas Co.) to N. line S26, T82N, R29W, Greene Co.							X				
104	\ \ Greenbrier Cr.	Mouth (S5, T81N, R29W, Dallas Co.) to W. line S13, T82N, R31W, Greene Co.							X				
105	\ \ \ Dead Brier Cr.	Mouth (S36, T82N, R30W, Greene Co.) to confluence with an unnamed tributary (NE1/4, S26, T82N, R30W, Greene Co.)							X				
106	\ \ \ Buttrick Cr.	Mouth (S26, T83N, R30W, Greene Co.) to confluence with E. & W. Buttrick Cr. (SE1/4, S25, T84N, R30W, Greene Co.)							X				
107	\ \ \ W. Buttrick Cr.	Mouth (S25, T84N, R30W, Greene Co.) to confluence with D. D. No. 52 (SE1/4, S16, T86N, R30W, Webster Co.)							X				
108	\ \ \ E. Buttrick Cr.	Mouth (S25, T84N, R30W, Greene Co.) to confluence with Lost Grove Cr. (SW1/4, S4, T85N, R29W, Greene Co.)							X				
109	\ \ Hardin Cr.	Mouth (S23, T83N, R30W, Greene Co.) to confluence with Happy Run (SW1/4, S22, T85N, R31W, Greene Co.)							X				
110	\ \ Short Cr.	Mouth (Greene Co.) to confluence with an unnamed tributary (S21, T84N, R31W, Greene Co.)							X				
111	\ \ Cedar Cr.	Mouth (S33, T85N, R32W, Greene Co.) to confluence with an unnamed tributary (NW1/4, S15, T85N, R32W, Greene Co.)	X			X							
112	\ \ Cedar Cr.	S15, T85N, R32W, Greene Co.) to confluence with E. & W. Cedar Crs. (S31, T87N, R31W, Calhoun Co.)							X				

Des Moines River Basin - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
113	\ \ \ E. Cedar Cr.	Mouth (S. line, S31, T87N, R31W, Calhoun Co.) to confluence with Welsh's Slough (Center, S3, T87N, R31W, Calhoun Co.)					X						
114	\ \ Unnamed Cr.	Mouth (S18, T84N, R32W, Greene Co.) to confluence with an unnamed tributary (NE1/4, S19, T84N, R32W, Greene Co.)					X						
115	\ \ Purgatory Cr.	Mouth (S11, T84N, R33W, Carroll Co.) to confluence with an unnamed tributary (NE1/4, S17, T86N, R32W, Calhoun Co.)					X						
116	\ \ Marrowbone Cr.	Mouth (S17, T85N, R33W, Carroll Co.) to confluence with an unnamed tributary (NW1/4, S17, T85N, R33W, Carroll Co.)					X						
117	\ \ Elk Run	Mouth (S7, T85N, R33W, Carroll Co.) to confluence with D.D. Nos. 72 & 81 (S5, T85N, R34W, Carroll Co.)					X						
118	\ \ Lake Cr.	Mouth (S23, T86N, R34W, Calhoun Co.) to E. line S12, T86N, R34W, Calhoun Co.	X			X							
119	\ \ Lake Cr.	E. line S12, T86N, R34W, Calhoun Co. to confluence with D. D. Nos. 65, 9, & 13 (S29, T88N, R32W, Calhoun Co.)					X						
120	\ \ \ Joint D. D. 9, 13	T88N, R32W, Calhoun Co.) to confluence with an unnamed tributary (SE1/4, S8, T89N, R32W, Calhoun Co.)					X						
121	\ \ Prairie Cr.	Mouth (S16, T86N, R34W, Calhoun Co.) to confluence with D. D. No. 198 (S2, T86N, R34W, Calhoun Co.)					X						
122	\ \ Camp Cr.	Mouth (S7, T86N, R34W, Calhoun Co.) to confluence with unnamed tributary (S34, T88N, R34W, Calhoun Co.)					X						
123	\ \ W. Fk. Camp Cr.	Mouth (S8, T87N, R34W, Calhoun Co.) to confluence with D. D. No. 1 (S10, T88N, R34W, Calhoun Co.)					X						
124	\ \ Indian Cr.	Mouth (S24, T87N, R36W, Sac Co.) to confluence with an unnamed tributary (N1/2, SW1/4, S20, T87N, R36W, Sac Co.)					X						
125	\ \ Cedar Cr.	Mouth (S25, T88N, R36W, Sac Co.) to confluence with Little Cedar Cr. (S15, T90N, R34W, Pocahontas Co.)					X						
126	\ \ \ Little Cedar Cr.	Mouth (S15, T90N, R34W, Pocahontas Co.) to confluence with unnamed tributary (S19, T91N, R34W, Pocahontas Co.)					X						
127	\ \ Buck Run	Mouth (SE1/4, S11, T89N, R36W, Sac Co.) to confluence with an unnamed tributary (E1/2, S9, T89N, R36W, Sac Co.)					X						
128	\ \ Outlet Cr.	Mouth (Buena Vista Co.) to bridge crossing at S26/27, T90N, R36W, Buena Vista Co.					X						
129	<u>BEAVER CR. AND ITS TRIBUTARIES</u> Beaver Cr.	Mouth (S17, T79N, R24W, Polk Co.) to confluence with an unnamed tributary (S29, T84N, R28W, Boone Co.)					X						
130	\ Little Beaver Cr.	Mouth (S35, T80N, R25W, Polk Co.) to confluence with an unnamed tributary (SW1/4, SW1/4, S29, T80N, R25W, Polk Co.)					X						
131	\ Little Beaver Cr.	Mouth (S14, T81N, R27W, Dallas Co.) to confluence with an unnamed tributary (SE1/4, SE1/4, S29, T82N, R27W, Boone Co.)					X						
132	\ Slough Cr.	Mouth (S16, T81N, R27W, Dallas Co.) to confluence with an unnamed tributary (NW1/4, S21, T81N, R27W, Dallas Co.)					X						
133	\ Middle Beaver Cr.	Mouth (S21, T83N, R28W, Boone Co.) to Hwy. 30 (N. line, S4, T83N, R28W, Boone Co.)					X						
134	<u>ROCK CR. AND ITS TRIBUTARIES</u> Rock Cr.	Mouth (S32, T80N, R24W, Polk Co.) to Hwy. 415 bridge crossing (S21, T80N, R24W, Polk Co.)					X						
135	<u>BIG CR. (A.K.A. BIG CR. LAKE OUTLET) AND ITS TRIBUTARIES</u> Big Cr. (aka Big Cr. Lake Outlet)	Mouth (Polk Co.) to Big Cr. Lake Dam (SW1/4, S26, T81N, R25W, Polk Co.)					X						
136	Big Cr. (aka Big Cr. Lake Outlet)	Big Cr. Lake	X			X							
137	Big Cr.	Upper end of Big Cr. Lake (Polk Co.) to confluence with an unnamed tributary (SE1/4, S33, T83N, R25W, Boone Co.)					X						
138	\ Wolf Cr.	Mouth (S36, T81N, R25W, Polk Co.) to N. line, S25, T81N, R25W, Polk Co.					X						
139	<u>BEAR CR. AND ITS TRIBUTARIES</u> Bear Cr.	Mouth (S29, T83N, R26W, Boone Co.) to confluence with an unnamed tributary (SE1/4, S24, T83N, R27W, Boone Co.)					X						
140	<u>HONEY CR. AND ITS TRIBUTARIES</u> Honey Cr.	Mouth (Boone Co.) to bridge crossing at NW1/4, S33, T84N, R26W, Boone Co.					X						

Des Moines River Basin - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
141	<u>BLUFF CR. AND ITS TRIBUTARIES</u> Bluff Cr.	Mouth (S22, T84N, R27W, Boone Co.) to dam/spillway at Don Williams Lake (NE1/4, SW1/4, S5, T84N, R27W, Boone Co.)					X						
142	<u>SKILLET CR. AND ITS TRIBUTARIES</u> Skillet Cr.	Mouth (S16, T86N, R27W, Webster Co.) to confluence with an unnamed tributary (NW1/4, SE1/4, S14, T86N, R28W, Webster Co.)					X						
143	<u>BOONE R. AND ITS TRIBUTARIES</u> Boone R.	Mouth (Webster Co.) to State Hwy. 17 (S18, T88N, R25W, Hamilton Co.)	X			X							X
144	Boone R.	State Hwy. 17 to confluence with Brewers Cr. (Hamilton Co.)		X		X							X
145	Boone R.	Confluence with Brewers Cr. (Hamilton Co.) to confluence with Middle Br. Boone R. (Wright Co.)		X		X							
146	Boone R.	Confluence with Middle Br. Boone R. (Wright Co.) to confluence with D. D. No. 10 (S29, T95N, R26W, Hancock Co.)						X					
147	\ White Fox Cr.	Mouth (S33, T89N, R25W, Hamilton Co.) to confluence with an unnamed tributary (E1/2, SE1/4, S36, T91N, R25W, Wright Co.)						X					
148	\ \ Buck Cr.	Mouth (S28, T89N, R25W, Hamilton Co.) to confluence with D. D. No. 144 (S11, T88N, R25W, Hamilton Co.)						X					
149	\ Eagle Cr.	Mouth (S6, T89N, R25W, Hamilton Co.) to confluence with Little Eagle Cr. (S9, T91N, R25W, Wright Co.)						X					
150	\ D.D. 94	Mouth (Wright Co.) to W. line of S3, T90N, R26W, Wright Co.						X					
151	\ Otter Cr.	Mouth (Wright Co.) to confluence with West Otter Cr. (S31, T93N, R25W, Wright Co.)	X			X							
152	\ Prairie Cr.	Mouth (S30, T93N, R26W, Wright Co.) to confluence with D.D. No. 116 (S24, T94N, R28W, Kossuth Co.)						X					
153	\ Middle Br. Boone R.	Mouth (Hancock Co.) to confluence with an unnamed tributary (S31, T95N, R25W, Hancock Co.)		X		X							
154	<u>BRUSHY CR. AND ITS TRIBUTARIES</u> Brushy Cr.	Mouth (S15, T87N, R27W, Webster Co.) to Brushy Cr. Lake Dam (S34, T88N, R27W, Webster Co.)						X					
155	Brushy Cr.	T88N, R27W, Webster Co.) to confluence with unnamed tributary (SE1/4, S34, T89N, R27W, Webster Co.)						X					
156	<u>PRAIRIE CR. AND ITS TRIBUTARIES</u> Prairie Cr.	Mouth (S35, T88N, R28W, Webster Co.) to Rd. crossing in center of S28, T88N, R28W, Webster Co.			X		X						
157	Prairie Cr.	Rd. crossing in center of S28, T88N, R28W, Webster Co. confluence with D.D. No. 29 (S25, T88N, R29W, Webster Co.)							X				
158	<u>SOLDIER CR. AND ITS TRIBUTARIES</u> Soldier Cr.	Mouth (S19, T89N, R28W, Webster Co.) to confluence with unnamed tributary (S26, T90N, R28W, Webster Co.)							X				
159	<u>LIZARD CR. AND ITS TRIBUTARIES</u> Lizard Cr.	Mouth (S19, T89N, R28W, Webster Co.) to confluence with unnamed tributary (N1/2, S31, T90N, R30W, Webster Co.)		X		X							
160	Lizard Cr.	T90N, R30W, Webster Co.) to confluence with D. D. No. 164 (S31, T91N, R31W, Pocahontas Co.)							X				
161	\ S. Br. Lizard Cr.	Mouth (S23, T89N, R29W, Webster Co.) to confluence with unnamed tributary (S25, T90N, R32W, Pocahontas Co.)							X				
162	\ \ Spring Cr.	Mouth (S33, T89N, R29W, Webster Co.) to confluence with Prairie Cr. (S14, T88N, R30W, Webster Co.)							X				
163	\ N. Br. Lizard Cr.	Mouth (S2, T91N, R31W, Pocahontas Co.) to confluence with D. D. No. 169 (S6, T91N, R31W, Pocahontas Co.)							X				
164	<u>BADGER CR. AND ITS TRIBUTARIES</u> Badger Cr.	Mouth (S30, T90N, R28W, Webster Co.) to Badger Lake Dam (S19, T90N, R28W, Webster Co.)							X				
165	<u>DEER CR. AND ITS TRIBUTARIES</u> Deer Cr.	Mouth (S13, T90N, R29W, Webster Co.) to confluence with unnamed tributary (S16, T90N, R29W, Webster Co.)							X				
166	<u>BEAVER CR. AND ITS TRIBUTARIES</u> Beaver Cr.	Mouth (S32, T91N, R28W, Humboldt Co.) to confluence with unnamed tributary (S28, T91N, R28W, Humboldt Co.)							X				
167	<u>E. FK. DES MOINES R. AND ITS TRIBUTARIES</u> E. Fk. Des Moines R.	Mouth (Humboldt Co.) to Divine bridge access Hwy. 169 (S26, T94N, R29W, Kossuth Co.)	X			X							X
168	E. Fk. Des Moines R.	Divine bridge access Hwy. 169 (S26, T94N, R29W, Kossuth Co.) to County Rd. B63 (S23, T94N, R29W, Kossuth Co.)		X		X							X

Des Moines River Basin - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
169	E. Fk. Des Moines R.	County Rd. B63 (Kossuth Co.) to outlet control structure Tuttle Lake (a.k.a. Okamanpeedan Lake) (S14, T100N, R32W, Emmet Co.)		X		X							
170	\ Bloody Run	Mouth (S33, T93N, R28W, Humboldt Co.) to confluence with an unnamed tributary (S1, T92N, R29W, Humboldt Co.)						X					
171	\ Lotts Cr.	Mouth (S17, T93N, R28W, Humboldt Co.) to confluence with D.D. No. 79 (SE1/4, S15, T94N, R30W, Kossuth Co.)						X					
172	\ Black Cat Cr.	Mouth (S24, T96N, R29W, Kossuth Co.) to N. line (S5, T97N, R30W, Kossuth Co.)						X					
173	\ Plum Cr.	Mouth (S17, T96N, R28W, Kossuth Co.) to confluence with an unnamed tributary (S16, T96N, R27W, Kossuth Co.)						X					
174	\ Lindsey Cr.	Mouth (S28, T96N, R28W, Kossuth Co.) to confluence with an unnamed tributary (aka D.D. No. 36) (S30, T97N, R27W, Kossuth Co.)						X					
175	\ Buffalo Cr.	Mouth (E. line of S20, T97N, R28W, Kossuth Co.) to confluence with D.D. No. 48 (S33, T98N, R26W, Winnebago Co.)						X					
176	\ Union Slough N.W.R.	control structure (a.k.a. Des Moines R. / Blue Earth R. basin divide) (N1/2, S14, T98N, R28W, Kossuth Co.)							X				
177	\ N. Buffalo Cr. (a.k.a. Little Buffalo Cr.)	Mouth (S4, T97N, R27W, Kossuth Co.) to confluence with an unnamed tributary (S5, T98N, R26W, Winnebago Co.)						X					
178	\ Mud Cr.	Mouth (S1, T97N, R29W, Kossuth Co.) to confluence with an unnamed tributary (N. line S3/4, T98N, R29W, Kossuth Co.)						X					
179	\ Soldier Cr.	Mouth (S36, T100N, R32W, Emmet Co.) to confluence with D.D. No. 4 (S27, T100N, R32W, Emmet Co.)						X					
180	<u>PRAIRE CR. AND ITS TRIBUTARIES</u> Prairie Cr. (a.k.a. D. D. 61)	Mouth (S1, T93N, R31W, Pocahontas Co.) to confluence with an unnamed tributary (S13, T94N, R31W, Palo Alto Co.)						X					
181	<u>INDIAN CR. AND ITS TRIBUTARIES</u> Indian Cr.	Mouth (S24, T91N, R29W, Humboldt Co.) to confluence with D. D. No. 20 (S21, T91N, R29W, Humboldt Co.)						X					
182	<u>PILOT CR. AND ITS TRIBUTARIES</u> Pilot Cr.	Mouth (S1, T92N, R31W, Pocahontas Co.) to confluence with an unnamed tributary (SW1/4, S16, T93N, R32W, Pocahontas Co.)						X					
183	<u>CYLINDER CR. AND ITS TRIBUTARIES</u> Cylinder Cr.	Mouth (NW1/4, S28, T94N, R31W, Palo Alto Co.) to confluence with D.D. No. 15 (NW1/4, S18, T96N, R31W, Palo Alto Co.)						X					
184	<u>BEAVER CR. AND ITS TRIBUTARIES</u> Beaver Cr.	Mouth (S36, T93N, R31W, Pocahontas Co.) to confluence with an unnamed tributary (S12, T93N, R32W, Pocahontas Co.)						X					
185	<u>SILVER CR. AND ITS TRIBUTARIES</u> Silver Cr.	Mouth (S35, T96N, R33W, Palo Alto Co.) to confluence with D.D. No. 62 (S23, T95N, R34W, Palo Alto Co.)						X					
186	<u>JACK CR. AND ITS TRIBUTARIES</u> Jack Cr.	Mouth (S35, T97N, R33W, Palo Alto Co.) to Swan Lake outlet structure (S29, T99N, R32W, Emmet Co.)						X					
187	<u>OLD CHANNEL - DES MOINES R. AND ITS TRIBUTARIES</u> Old Channel - Des Moines R.	Mouth (S26, T95N, R32W, Palo Alto Co.) to confluence with D. D. No. 41 (S29, T95N, R32W, Palo Alto Co.)	X			X							
188	<u>BLUE EARTH R. AND ITS TRIBUTARIES</u> Blue Earth R. (a.k.a. Middle Br. Blue Earth R.)	Iowa-Minnesota state line (S12, T100N, R28W, Kossuth Co.) to confluence with D. D. No. 7 (S9, T99N, R27W, Kossuth Co.)						X					
189	\ W. Fk. Blue Earth R. (a.k.a. W. Br. Blue Earth R.)	Iowa-Minnesota state line (S9, T100N, R28W, Kossuth Co.) to confluence with an unnamed tributary (S30, T100N, R28W, Kossuth Co.)						X					
190	\ Union Slough Ditch (a.k.a. Union Slough Outlet)	control structure (a.k.a. Des Moines R. / Blue Earth R. basin divide (N1/2, S14, T98N, R28W, Kossuth Co.)						X					

Skunk River Basin - Index

Waetrbody Name	Number	County
Ballard Cr.	49	Story
Bear Cr.	53	Story
Benjamin Cr.	42	Jasper
Big Cr.	17	Henry
Big Cr.	18	Henry
Big Cr.	19	Henry
Big Slough	9	Lee
Brush Cr.	20	Henry
Buck Cr.	61	Mahaska / Poweshiek
Buckley Cr.	39	Mahaska
Cedar Cr.	23	Henry
Cedar Cr.	24	Henry / Mahaska
Cedar Cr.	58	Keokuk
Cherry Cr.	41	Jasper
Clear Cr.	44	Jasper / Marshall
Competine Cr.	29	Jefferson / Wapello
Crooked Cr.	30	Jefferson / Washington
Crow Cr.	27	Jefferson
Devils Cr. (a.k.a. Big Devil Cr., a.k.a. Sugar Cr.)	5	Lee
Dye Cr.	47	Story
E. Br. Indian Cr.	46	Story
E. Fk. Crooked Cr.	31	Washington / Henry
Elk Cr.	40	Mahaska / Jasper
Fish Cr.	22	Henry
Indian Cr.	43	Jasper / Story
Keigley Br.	52	Story
Long Cr.	15	Des Moines
Long Dick Cr.	54	Story / Hamilton
Lynn Cr.	21	Henry
Middle Cr.	60	Mahaska
Mississippi R.	1	Des Moines / Lee
Mississippi R.	2	Keokuk
Mississippi R.	3	Lee
Mud Cr.	16	Henry
N. Skunk R.	55	Keokuk
N. Skunk R.	56	Keokuk / Poweshiek
N. Skunk R.	57	Mahaska / Jasper
Oakland Mills Impoundment	11	Henry
Old S. Skunk River Channel	48	Polk

Skunk River Basin - Index

Waetrbody Name	Number	County
Pitman Cr.	7	Lee
Rock Cr.	26	Jefferson
Rock Cr.	28	Jefferson
Rock Cr.	59	Keokuk
Rock Cr.	63	Jasper
Skunk R.	10	Henry
Skunk R.	12	Henry
Skunk R.	13	Henry
Skunk R.	14	Henry
Snipe Cr.	64	Jasper
S. Skunk R.	33	Keokuk
S. Skunk R.	34	Keokuk / Jasper
S. Skunk R.	35	Mahaska
S. Skunk R.	36	Jasper / Story
S. Skunk R.	37	Story
S. Skunk R.	38	Story / Hamilton
Squaw Cr.	51	Story / Boone
Sugar Cr. (a.k.a. Big Sugar Cr.)	6	Lee
Sugar Cr.	62	Poweshiek / Jasper
Unnamed Cr. (a.k.a. Labalees Cr.)	4	Lee
W. Br. Indian Cr.	45	Story
W. Fk. Crooked Cr.	32	Washington
Walnut Cr.	50	Story
W. Br. Sugar Cr.	8	Lee
Wolf Cr.	25	Henry / Jefferson

Skunk River Basin - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
1	<u>MAJOR RIVER - MISSISSIPPI R. AND ITS TRIBUTARIES</u> Mississippi R.	Iowa-Missouri state line to confluence with the Skunk R.	X			X							
2	Mississippi R.	Keokuk Municipal Water Works intakes									X		
3	Mississippi R.	Fort Madison Municipal Water Works intakes										X	
4	<u>UNNAMED CR. AND ITS TRIBUTARIES</u> Unnamed Cr. (a.k.a. Labalees Cr.)	Mouth (S1, T65N, R5W, Lee Co.) to confluence with an unnamed tributary (E1/2, S35, T66N, R5W, Lee Co.)					X						
5	<u>DEVILS CR. (A.K.A. BIG DEVIL CR., A.K.A. SUGAR CR.) AND ITS TRIBUTARIES</u> Devils Cr. (a.k.a. Big Devil Cr., a.k.a. Sugar Cr.)	Mouth (S23, T67N, R5W, Lee Co.) to confluence with Sugar Cr. (a.k.a. Big Sugar Cr.) (S16, T67N, R5W, Lee Co.)					X						
6	\ Sugar Cr. (a.k.a. Big Sugar Cr.)	Confluence with Devils Cr. (a.k.a. Big Devil Cr., a.k.a. Sugar Cr.) (S16, T67N, R5W, Lee Co.) to confluence with an unnamed tributary (S1/2, S16, T69N, R6W, Lee Co.)						X					
7	\ \ Pitman Cr.	Mouth (S29/30 line, T68N, R5W, Lee Co.) to confluence with an unnamed tributary (S21, T68N, R5W, Lee Co.)						X					
8	\ \ W. Br. Sugar Cr.	Mouth (S11/14 line, T68N, R6W, Lee Co.) to confluence with an unnamed tributary (S3, T68N, R6W, Lee Co.)						X					
9	<u>BIG SLOUGH AND ITS TRIBUTARIES</u> Big Slough	Mouth (S24, T68N, R3W, Lee Co.) to confluence with an unnamed tributary (S18, T68N, R2W, Lee Co.)			X		X						
10	<u>SKUNK R. AND ITS TRIBUTARIES</u> Skunk R.	Mouth to Oakland Mills Dam Skunk R.		X		X							
11	Oakland Mills Impoundment	Dam to N. line of S14, T71N, R7W, Henry Co.	X				X						
12	Skunk R.	City of Mt. Pleasant Water Works intake									X		
13	Skunk R.	Oakland Mills Impoundment to Henry Co. Rd. (S3, T71, R7W)		X		X							
14	Skunk R.	Henry Co. Rd. (S3, T73N, R7W) to confluence of N. Skunk R. and S. Skunk R.		X		X							X
15	\ Long Cr.	Mouth (Des Moines Co.) to confluence with an unnamed tributary (S3, T69N, R4W, Des Moines Co.)							X				
16	\ Mud Cr.	Mouth (S34, T70N, R5W, Henry Co.) to confluence with an unnamed tributary (S12, T70N, R5W, Henry Co.)							X				
17	\ Big Cr.	Mouth (Henry Co.) to confluence with Saunders Br. (S17, T71N, R6W, Henry Co.)		X	X	X							
18	\ Big Cr.	Confluence with Saunders Br. (Henry Co.) to confluence with Brandywine Cr. (S29, T72N, R6W, Henry Co.)			X		X						
19	\ Big Cr.	Confluence with Brandywine Cr. (S29, T72N, R6W, Henry Co.) to confluence with Lawrence Cr. (S5, T71N, R5W, Henry Co.)						X					
20	\ \ Brush Cr.	Mouth (Henry Co.) to confluence with an unnamed tributary (S32, T71N, R5W, Henry Co.)							X				
21	\ \ Lynn Cr.	Mouth (Henry Co.) to confluence with an unnamed tributary (S7, T72N, R6W, Henry Co.)								X			
22	\ Fish Cr.	Mouth (S23, T70N, R6W, Henry Co.) to confluence with an unnamed tributary (S16, T70N, R6W, Henry Co.)								X			
23	\ Cedar Cr.	Mouth (Henry Co.) to confluence with Little Cedar Cr. (S17, T70N, R7W, Henry Co.)		X		X							
24	\ Cedar Cr.	R7W, Henry Co.) to confluence with an unnamed tributary (NW1/4, NE1/4, S24, T74N, R15W, Mahaska Co.)								X			
25	\ \ Wolf Cr.	Mouth (S8, T71N, R7W, Henry Co.) to confluence with an unnamed tributary (S1, T71N, R8W, Jefferson Co.)								X			
26	\ \ Rock Cr.	Mouth (Jefferson Co.) to confluence with Jones Br. (S29, T71N, R8W, Jefferson Co.)								X			
27	\ \ Crow Cr.	Mouth (Jefferson Co.) to confluence with an unnamed tributary (NW1/4, SW1/4, S31, T72N, R9W, Jefferson Co.)								X			
28	\ \ Rock Cr.	Mouth (S34, T72N, R11W, Jefferson Co.) to confluence with an unnamed tributary (NE1/4, S5, T71N, R11W, Jefferson Co.)								X			
29	\ \ Competine Cr.	Mouth (Jefferson Co.) to confluence with an unnamed tributary (S15, T73N, R12W, Wapello Co.)								X			

Skunk River Basin - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
30	\ Crooked Cr.	Mouth (S1, T73N, R8W, Jefferson Co.) to confluence with E. and W. Fk. Crooked Cr. (S24, T74N, R7W, Washington Co.)					X						
31	\ \ E. Fk. Crooked Cr.	Mouth (S24, T74N, R7W, Washington Co.) to confluence with Phillips Cr. (S8, T73N, R5W, Henry Co.)					X						
32	\ \ W. Fk. Crooked Cr.	Mouth (Washington Co.) to confluence with an unnamed tributary (SW1/4, S21, T76N, R9W, Washington Co.)					X						
33	\ S. Skunk R.	Mouth (Keokuk Co.) to Hwy. 21 (S34, T75N, R13W, Keokuk Co.)		X		X							X
34	\ S. Skunk R.	Hwy. 21 (Keokuk Co.) to confluence with Indian Cr. (Jasper Co.)		X		X							
35	\ S. Skunk R.	At Oskaloosa									X		
36	\ S. Skunk R.	Confluence with Indian Cr. (Jasper Co.) to Ames Waterworks Dam (S36, T84N, R24W, Story Co.)					X						
37	\ S. Skunk R.	Ames Waterworks Dam (S36, T84N, R24W, Story Co.) to N. line S6, T85N, R23W, Story Co.	X			X							X
38	\ S. Skunk R.	N. line S6, T85N, R23W, Story Co. to confluence with D.D. No. 71 (S11, T86N, R24W, Hamilton Co.)					X						X
39	\ \ Buckley Cr.	Mouth (S27, T77N, R17W, Mahaska Co.) to confluence with Middle Br. Buckley Cr. (S9, T77N, R17W, Mahaska Co.)					X						
40	\ \ Elk Cr.	Mouth (S19, T77N, R17W, Mahaska Co.) to confluence with an unnamed tributary (SE1/4, S6, T79N, R18W, Jasper Co.)					X						
41	\ \ Cherry Cr.	Mouth (Jasper Co.) to confluence with Benjamin Cr. (S20, T80N, R19W, Jasper Co.)					X						
42	\ \ \ Benjamin Cr.	Mouth (Jasper Co.) to confluence with an unnamed tributary (NE1/4, S21, T80N, R19W, Jasper Co.)					X						
43	\ \ Indian Cr.	Mouth (S32, T80N, R20W, Jasper Co.) to confluence with E. and W. Br. Indian Crs. (S16, T82N, R22W, Story Co.)					X						
44	\ \ \ Clear Cr.	Mouth (S2, T80N, R21W, Jasper Co.) to confluence with an unnamed tributary (S1/2, SW1/4, S28, T82N, R20W, Marshall Co.)					X						
45	\ \ \ W. Br. Indian Cr.	Mouth (S16, T82N, R22W, Story Co.) to confluence with an unnamed tributary (S1, T83N, R23W, Story Co.)					X						
46	\ \ \ E. Br. Indian Cr.	Mouth (S16, T82N, R22W, Story Co.) to confluence with an unnamed tributary (S34, T85N, R22W, Story Co.)					X						
47	\ \ \ \ Dye Cr.	Mouth (S14, T83N, R22W, Story Co. to confluence with unnamed tributary (NW1/4, S7, T83N, R21W, Story Co.)					X						
48	\ \ Old S. Skunk River Channel	E. line S31, T81N, R22W, Polk Co. to S. line S33/34, T81N, R22W, Polk Co.							X				
49	\ \ Ballard Cr.	Mouth (Story Co.) to confluence with an unnamed tributary (S15, T82N, R24W, Story Co.)						X					
50	\ \ Walnut Cr.	Mouth (S5, T82N, R23W, Story Co.) to confluence with an unnamed tributary (SE1/4, S34, T83N, R24W, Story Co.)						X					
51	\ \ Squaw Cr.	Mouth (S12, T83N, R24W, Story Co.) to confluence with an unnamed tributary (NW1/4, S9, T85N, R25W, Boone Co.)						X					
52	\ \ Keigley Br.	Mouth (S7, T84N, R23W, Story Co.) to N. line of S35, T85N, R24W, Story Co.						X					
53	\ \ Bear Cr.	Mouth (Story Co.) to N. line of S32, T85N, R23W, Story Co.						X					
54	\ \ Long Dick Cr.	Mouth (S18, T85N, R23W, Story Co.) to bridge crossing (N. line, S34, T86N, R23W, Hamilton Co.)						X					
55	\ N. Skunk R.	Mouth (S5, T74N, R10W, Keokuk Co.) to confluence with Cedar Cr. (S15, T75N, R12W, Keokuk Co.)		X		X							X
56	\ N. Skunk R.	Confluence with Cedar Cr. (S15, T75N, R12W, Keokuk Co.) to Poweshiek-Mahaska Co. line					X						X
57	\ N. Skunk R.	Poweshiek-Mahaska Co. line to confluence with Snipe Cr. (S22, T81N, R19W, Jasper Co.)					X						
58	\ \ Cedar Cr.	Mouth (S15, T75N, R12W, Keokuk Co.) to confluence with an unnamed tributary (S34, T76N, R13W, Keokuk Co.)					X						

Skunk River Basin - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
59	\ \ \ Rock Cr.	Mouth (S9, T75N, R12W, Keokuk Co.) to confluence with unnamed tributary (NE1/4, S34, T76N, R12W, Keokuk Co.)					X						
60	\ \ Middle Cr.	Mouth (S35, T76N, R14W, Mahaska Co.) to Hwy. 146 road crossing at S1, T76N, R16W, Mahaska Co.)					X						
61	\ \ Buck Cr.	Mouth (S16, T77N, R15W, Mahaska Co.) to confluence with East Buck Cr. (S18, T78N, R15W, Poweshiek Co.)					X						
62	\ \ Sugar Cr.	Mouth (Poweshiek Co.) to confluence with an unnamed tributary (SW1/4, S24, T80N, R17W, Jasper Co.)					X						
63	\ \ Rock Cr.	Mouth (S5, T79N, R17W, Jasper Co.) to Rock Cr. Lake Dam (S17, T80N, R17W, Jasper Co.)					X						
64	\ \ Snipe Cr.	Mouth (S22, T81N, R19W, Jasper Co.) to confluence with Little Snipe Cr. (S14, T81N, R19W, Jasper Co.)					X						

Iowa - Cedar River Basins - Index

Waterbody Name	Number	County
Abbe Cr.	60	Linn
Asher Cr.	184	Marshall
Bailey Cr.	129	Franklin / Cerro Gordo
Baskins Run	136	Bremer
Bear Cr.	72	Linn / Benton
Bear Cr.	76	Benton / Buchanan
Bear Cr.	188	Hardin
Beaver Cr.	94	Black Hawk / Butler
Beaver Cr.	95	Butler / Franklin
Beaver Cr.	105	Floyd
Beaver Cr.	115	Worth / Winnebago
Beaver Cr.	141	Mitchell
Beaver Cr.	192	Hardin
Beaverdam Cr.	131	Franklin / Cerro Gordo
Big Bear Cr.	167	Iowa / Poweshiek
Big Cr.	59	Linn
Big Hollow Cr.	7	Des Moines
Black Hawk Cr.	88	Black Hawk
Black Hawk Cr.	89	Grundy
Black Hawk Cr.	90	Grundy
Blue Cr.	73	Linn
Boylan Cr.	122	Butler
Brush Cr. (a.k.a. Skunk Slu)	3	Des Moines
Brush Cr.	180	Marshall
Buckeye Cr.	169	Iowa / Benton
Buffalo Cr.	128	Franklin
Burnett Cr.	183	Marshall
Burr Oak Cr.	139	Mitchell
Burr Oak Cr.	140	Mitchell
Calmus Cr.	111	Cerro Gordo
Cedar R.	33	Louisa / Linn
Cedar R.	34	Black Hawk
Cedar R.	35	Linn
Cedar R.	36	Black Hawk
Cedar R.	37	Black Hawk
Cedar R.	38	Black Hawk
Cedar R.	39	Bremer
Cedar R.	40	Chickasaw
Cedar R.	41	Chickasaw

Iowa - Cedar River Basins - Index

Waterbody Name	Number	County
Cedar R.	42	Chickasaw / Floyd
Cedar R.	43	Floyd
Cedar R.	44	Floyd / Mitchell
Clear Cr.	58	Johnson / Cedar
Clear Cr.	159	Johnson / Iowa
Coldwater Cr.	104	Butler / Cerro Gordo
Cottonwood Drain	8	Des Moines
Cottonwood Drain	9	Des Moines
Deep R.	156	Iowa / Poweshiek
Deer Cr.	147	Mitchell / Worth
Deer Cr.	176	Tama
Dowd Cr.	187	Marshall
D. D. 3 (a.k.a. Wheeler Cr.)	202	Wright
D. D. 70	130	Cerro Gordo
Dry Cr.	65	Linn
Dry Run	93	Black Hawk
Dugout Cr.	157	Poweshiek
E. Big Cr.	62	Linn
E. Br. Beaverdam Cr.	133	Cerro Gordo
E. Br. Salt Cr.	172	Tama
E. Fk. Iowa R. (a.k.a. E. Br. Iowa R.)	206	Wright / Hancock
E. Otter Cr.	71	Linn
Elk Cr.	118	Worth
Elk Cr.	119	Worth
Elk Run	87	Black Hawk
Elk Run	200	Hardin
English R.	151	Washington
English R.	152	Washington
Flint Cr.	5	Des Moines
Flood Cr.	103	Butler
Hartgrave Cr.	123	Butler / Franklin
Holland Cr.	92	Grundy
Honey Cr.	149	Louisa
Honey Cr.	186	Marshall / Hardin
Hoosier Cr.	162	Johnson / Linn
Horton Cr. (a.k.a. Twomile Cr.)	137	Bremer
Indian Cr.	63	Linn
Iowa R.	20	Louisa
Iowa R.	21	Louisa

Iowa - Cedar River Basins - Index

Waterbody Name	Number	County
Iowa R.	22	Johnson / Washington
Iowa R.	23	Washington / Iowa
Iowa R.	24	Johnson
Iowa R.	25	Johnson
Iowa R.	26	Marshall
Iowa R.	27	Marshall / Hardin
Iowa R.	28	Hardin
Iowa R.	29	Wright
Iowa R.	30	Wright
Iowa Slough (a.k.a. Iowa Slough Lake)	16	Des Moines / Louisa
Iowa Slough	17	Louisa
Knapp Cr.	163	Johnson
Knotty Cr.	6	Des Moines
Lime Cr.	77	Benton / Buchanan
Lime Cr.	78	Buchanan
Linn Cr.	182	Marshall
Little Bear Cr.	168	Poweshiek
Little Cedar R.	138	Chickasaw
Little Mosquito Cr.	51	Muscatine
Littlebridge Cr.	132	Cerro Gordo
Long Cr.	32	Louisa / Washington
Luicks Cr.	204	Wright
Maynes Cr.	120	Butler / Franklin
Middle English R.	155	Iowa
Mill Cr.	161	Johnson
Mill Race	166	Iowa
Miller Cr.	85	Black Hawk
Minerva Cr.	185	Marshall / Hardin
Mississippi River	1	Des Moines
Mississippi River	2	Des Moines
Morgan Cr.	68	Linn
Mud Cr.	54	Muscatine
Mud Cr.	67	Benton
Mud Cr.	74	Benton
Mud Cr.	84	Black Hawk
N. Beaver Cr.	97	Butler
N. English R.	154	Washington / Poweshiek
N. Fk. Black Hawk Cr. (a.k.a. N. Blackhawk Cr.)	91	Black Hawk / Grundy
N. Timber Cr.	181	Marshall

Iowa - Cedar River Basins - Index

Waterbody Name	Number	County
Old Mans Cr.	158	Johnson / Iowa
Otter Cr.	31	Louisa
Otter Cr.	69	Linn
Otter Cr.	125	Franklin
Otter Cr.	148	Mitchell
Otter Cr.	174	Tama
Pike Cr.	45	Muscatine
Pike Run	49	Muscatine
Pike Run	50	Muscatine
Pine Cr.	194	Hardin
Pine Cr.	195	Hardin
Pine Cr.	196	Hardin
Pine Cr.	197	Hardin
Poyner Cr.	86	Black Hawk
Prairie Cr.	66	Linn / Benton
Pratt Cr.	75	Benton
Price Cr.	164	Iowa
Price Cr.	165	Iowa
Quarter Section Run	135	Bremer
Rapid Cr.	160	Johnson
Raven Cr.	177	Tama
Richland Cr.	175	Tama
Rock Cr.	55	Cedar
Rock Cr.	56	Cedar
Rock Cr.	83	Tama
Rock Cr.	142	Floyd / Mitchell
Rock Cr.	143	Mitchell
Rock Cr.	144	Mitchell
Rock Falls Cr.	116	Cerro Gordo
Rock Run Cr.	57	Cedar
Rose Cr. (a.k.a. Plymouth or Beaver Cr.)	117	Cerro Gordo / Worth
Running Slough Drain	10	Des Moines
Salt Cr.	171	Benton / Tama
School Cr.	198	Hardin
Sheldon Cr.	199	Franklin / Wright
Shell Rock R.	100	Black Hawk / Butler
Shell Rock R.	101	Butler / Floyd
Shell Rock R.	102	Floyd / Worth
Simmons Cr.	61	Linn

Iowa - Cedar River Basins - Index

Waterbody Name	Number	County
S. Beaver Cr.	96	Butler / Grundy
S. English R.	153	Washington / Keokuk
S. Timber Cr.	179	Marshall
S. Fk. Iowa River	189	Hardin / Wright
S. Fk. Iowa River	190	Hardin
S. Fk. Iowa River	191	Hardin
Spring Cr.	4	Des Moines
Spring Cr.	79	Black Hawk
Spring Cr.	112	Cerro Gordo
Spring Cr.	126	Franklin
Spring Cr.	127	Franklin
Spring Cr.	145	Mitchell
Squaw Cr.	64	Linn
Squaw Cr.	124	Franklin
Stein Cr.	173	Tama / Benton
Sugar Cr.	52	Muscatine
Sugar Cr.	53	Muscatine / Cedar
Timber Cr.	178	Marshall
Tipton Cr.	193	Hardin
Turtle Cr.	146	Mitchell
Twelvemile Cr.	82	Tama
Unnamed Cr.	11	Des Moines
Unnamed Cr.	12	Des Moines
Unnamed Cr. (a.k.a. Ray Lake Drain)	13	Des Moines
Unnamed Cr.	14	Des Moines
Unnamed Cr.	15	Des Moines
Unnamed Cr. (a.k.a. D. D. 6)	121	Franklin
Unnamed Cr.	150	Louisa
Unnamed Cr. (a.k.a. D. D. 32)	201	Franklin
Unnamed Cr. (a.k.a. Joint D. D. 7 & 146)	203	Wright
Walnut Cr.	170	Benton / Poweshiek
Wapsinonoc Cr.	46	Muscatine
Wapsinonoc Cr.	47	Muscatine
W. Br. Beaverdam Cr.	134	Cerro Gordo
W. Br. Wapsinonoc Cr.	48	Muscatine / Cedar
W. Fk. Cedar R.	98	Black Hawk / Butler
W. Fk. Cedar R.	99	Butler / Franklin
W. Fk. Iowa River (a.k.a. W. Br. Iowa R.)	205	Wright / Hancock
W. Otter Cr.	70	Linn

Iowa - Cedar River Basins - Index

Waterbody Name	Number	County
Wharam Cr.	113	Cerro Gordo
Willow Cr.	110	Cerro Gordo
Winans Cr.	114	Worth
Winnebago R. (a.k.a. Lime Cr.)	106	Floyd / Worth
Winnebago R.	107	Worth
Winnebago R.	108	Winnebago
Winnebago R.	109	Winnebago
Wolf Cr.	80	Black Hawk / Tama
Wolf Cr.	81	Tama / Grundy
Ziegler Slough	18	Louisa
Ziegler Slough	19	Louisa

Iowa - Cedar River Basins - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
1	<u>MAJOR RIVER - MISSISSIPPI R. AND ITS TRIBUTARIES</u>												
1	Mississippi R.	Skunk R. to confluence with Iowa R.	X			X							
2	Mississippi R.	Burlington Municipal Water Works intakes									X		
3	<u>BRUSH CR. (A.K.A. SKUNK SLU) AND ITS TRIBUTARIES</u>												
3	Brush Cr. (a.k.a. Skunk Slu)	Mouth (Des Moines Co.) to road crossing (S8, T69N, R3W, Des Moines Co.)					X						
4	<u>SPRING CR. AND ITS TRIBUTARIES</u>												
4	Spring Cr.	Mouth (Des Moines Co.) to confluence with an unnamed tributary (SE1/4, S3, T69N, R3W, Des Moines Co.)					X						
5	<u>FLINT CR AND ITS TRIBUTARIES</u>												
5	Flint Cr.	Mouth (Des Moines Co.) to confluence with an unnamed tributary (NW1/4, S21, T71N, R4W, Des Moines Co.)					X						
6	\ Knotty Cr.	Mouth (Des Moines Co.) to confluence with an unnamed tributary (NE1/4, S1, T70N, R3W, Des Moines Co.)									X		
7	\ Big Hollow Cr.	Mouth (Des Moines Co.) to confluence with an unnamed tributary (NE1/4, S30, T71N, R3W, Des Moines Co.)									X		
8	<u>COTTONWOOD DRAIN AND ITS TRIBUTARIES</u>												
8	Cottonwood Drain	Mouth (S6, T70N, R1W, Des Moines Co.) to confluence with an unnamed tributary (S13, T71N, R2W, Des Moines Co.)	X			X							
9	Cottonwood Drain	Confluence with an unnamed tributary (S13, T71N, R2W, Des Moines Co.) to road crossing (S30, T72N, R1W, Des Moines Co.)									X		
10	\ Running Slough Drain	Mouth (S31, T71N, R1W, Des Moines Co.) to confluence with an unnamed tributary (S33, T72N, R1W, Des Moines Co.)	X			X							
11	\ \ Unnamed Cr.	Mouth (SW1/4, S16, T71N, R1W, Des Moines Co.) to road crossing (E1/2, NW1/4, S10, T71N, R1W, Des Moines Co.)									X		
12	\ \\ Unnamed Cr.	Mouth (NE1/4, S16, T71N, R1W, Des Moines Co.) to road crossing (W1/2, NW1/4, S10, T71N, R1W, Des Moines Co.)									X		
13	\ \\ Unnamed Cr. (a.k.a. Ray Lake Drain)	Mouth (S33, T72N, R1W, Des Moines Co.) to confluence with unnamed tributary (S29, T72N, R1W, Des Moines Co.)									X		
14	\ Unnamed Cr.	Mouth (S13, T71N, R2W, Des Moines Co.) to S7/8 line, T71N, R1W, Des Moines Co.)									X		
15	\ Unnamed Cr.	Mouth (NE1/4, NW1/4, S7, T71N, R1W, Des Moines Co.) to road crossing (N. line S5, T71N, R1W, Des Moines Co.)									X		
16	<u>IAWA SLOUGH AND ITS TRIBUTARIES</u>												
16	Iowa Slough (a.k.a. Iowa Slough Lake)	Mouth (S4, T72N, R1W, Des Moines Co.) to S. line, E1/2, S29, T73N, R1W, Lousia Co.										X	
17	Iowa Slough	S. line, S29, T73N, R1W, Lousia Co. to E/W road crossing (E1/2, S30, T73N, R1W, Lousia Co.)									X		
18	\ Ziegler Slough	Mouth (S33, T73N, R1W, Lousia Co.) to confluence with unnamed tributary (S. line, S17, T73N, R1W, Lousia Co.)	X			X							
19	\ Ziegler Slough	Unnamed tributary (S. line, S17, T73N, R1W, Lousia Co.) to confluence with unnamed tributary (NW1/4, S8, T73N, R1W, Lousia Co.)									X		
20	<u>IAWA R. AND ITS TRIBUTARIES</u>												
20	Iowa R.	Mouth (Louisa Co.) to S35, T74N, R3W, Louisa Co. (south corporate limit, Wapello)	X			X							X
21	Iowa R.	South corporate limit, Wapello to confluence with Cedar River (S20, T75N, R4W, Louisa Co.)	X			X							
22	Iowa R.	Confluence with Cedar River to Johnson-Washington Co. line	X			X							X
23	Iowa R.	Johnson-Washington Co. line to Hwy. 149 (S35, T81N, R9W, Iowa Co.) (includes Coralville Reservoir)	X			X							
24	Iowa R.	University of Iowa Water Works intake											X
25	Iowa R.	City of Iowa City Water Works intakes											X
26	Iowa R.	Hwy. 149 to confluence with Asher Cr. (S27, T84N, R18W, Marshall Co.) excluding all waters within the boundaries of the Meskwaki Settlement of the Sac Fox Tribe of the Mississippi	X			X							X
27	Iowa R.	Confluence with Asher Creek to Marshall-Hardin Co. line	X			X							
28	Iowa R.	Marshall-Hardin Co. line to S20, T89N, R20W, Hardin Co. (E. corporate limit, Iowa Falls)	X			X							X
29	Iowa R.	E. corporate limit Iowa Falls to Hwy. 69 bridge (S30, T93N, R23W, Wright Co.)	X			X							
30	Iowa R.	Hwy. 69 bridge to confluence of E. Fk. Iowa R. and W. Fk. Iowa R. (Wright Co.)	X			X							
31	<u>IAWA R. BELOW CEDAR R. AND ITS TRIBUTARIES</u>												
31	\ Otter Cr.	Mouth (S18, T73N, R2W, Louisa Co.) to confluence with an unnamed tributary (S4, T73N, R3W, Louisa Co.)									X		
32	\ Long Cr.	Mouth (S1, T74N, R4W, Louisa Co.) to confluence with S. Fk. Long Cr. (S26, T75N, R6W, Washington Co.)									X		
33	<u>CEDAR R. AND ITS TRIBUTARIES</u>												
33	Cedar R.	Mouth (Louisa Co.) to Hwy. 30 (S9, T82N, R6W, Linn Co.)	X			X							X
34	Cedar R.	Hwy. 30 to bridge crossing in LaPorte City (S19, T87N, R11W, Black Hawk Co.)	X			X							
35	Cedar R.	Cedar Rapids Municipal Water Works intake											X

Iowa - Cedar River Basins - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
36	Cedar R.	Bridge crossing in LaPorte City to the dam at Cedar Falls		X		X							
37	Cedar R.	Cedar Falls impoundment Dam to W. line of S2, T89N, R14W, Black Hawk Co.	X			X							
38	Cedar R.	Cedar Falls impoundment to S34, T90N, R14W, Black Hawk Co. (confluence with Beaver Cr.)		X		X							
39	Cedar R.	Confluence with Beaver Cr. to dam at Waverly		X		X						X	
40	Cedar R.	Waverly impoundment Dam to S29, T94N, R14W, Chickasaw Co. (south corporate limits, Nashua)	X			X						X	
41	Cedar R.	S. corporate limits of Nashua to dam at Nashua		X		X							
42	Cedar R.	Nashua impoundment Dam to Chickasaw-Floyd Co. line	X			X							
43	Cedar R.	Nashua impoundment to Charles City Dam #2		X		X							
44	Cedar R.	Charles City impoundment Dam #2 to Iowa-Minnesota state line	X			X							
45	\ Pike Cr.	Cone Lake	X			X							
46	\ Wapsinonoc Cr.	Mouth (Muscatine Co.) to confluence with Big Slough (S2, T77N, R4W, Muscatine Co.)	X			X							
47	\ Wapsinonoc Cr.	Confluence with Big Slough (Muscatine Co.) to confluence with the E. Br. and Middle Br. Wapsinonoc Cr. (S6, T78N, R3W, Muscatine Co.)							X				
48	\ \ W. Br. Wapsinonoc Cr.	Mouth (Muscatine Co.) to confluence with an unnamed tributary (N1/2, S32, T79N, R4W, Cedar Co.)							X				
49	\ Pike Run	Mouth (Muscatine Co.) to confluence with an unnamed tributary (NW1/4, S9, T77N, R3W, Muscatine Co.)	X			X							
50	\ Pike Run	Confluence with an unnamed tributary (NW1/4, S9, T77N, R3W, Muscatine Co.) to the rd. crossing at (SW1/4, S34, T78N, R3W, Muscatine Co.)							X				
51	\ Little Mosquito Cr.	Mouth (S19, T78N, R2W, Muscatine Co.) to confluence with an unnamed tributary (S26, T78N, R2W, Muscatine Co.)							X				
52	\ Sugar Cr.	Mouth (Muscatine Co.) to confluence with Mud Cr. (Muscatine Co.)	X			X							
53	\ Sugar Cr.	Confluence with Mud Cr. (S10, T78N, R2W, Muscatine Co.) to confluence with an unnamed tributary (SW1/4, S4, T80N, R2W, Cedar Co.)							X				
54	\ \ Mud Cr.	Confluence with Sugar Cr. (S10, T78N, R2W, Muscatine Co.) to confluence with an unnamed tributary (S5, T78N, R1E, Muscatine Co.)							X				
55	\ Rock Cr.	Mouth (S2, T79N, R3W, Cedar Co.) to confluence with an unnamed tributary (SW1/4, S11, T80N, R3W, Cedar Co.)	X			X							
56	\ Rock Cr.	Confluence with unnamed tributary (SW1/4, S11, T80N, R3W, Cedar Co.) to the confluence with an unnamed tributary (Center, S1, T81N, R3W, Cedar Co.)							X				
57	\ Rock Run Cr.	Mouth (S28, T80N, R3W, Cedar Co.) to confluence with an unnamed tributary (S28, T81N, R3W, Cedar Co.)							X				
58	\ Clear Cr.	Mouth (S2, T81N, R5W, Johnson Co.) to confluence with an unnamed tributary (NW1/4, NW1/4, S28, T82N, R4W, Cedar Co.)							X				
59	\ Big Cr.	Mouth (S9, T82N, R6W, Linn Co.) to confluence with E. Big Cr. (SE1/4, S30, T84N, R5W, Linn Co.)							X				
60	\ \ Abbe Cr.	Mouth (S34, T83N, R6W, Linn Co.) to confluence with an unnamed tributary (S4, T82N, R5W, Linn Co.)							X				
61	\ \ Simmons Cr.	Mouth (S7, T83N, R5W, Linn Co.) to confluence with an unnamed tributary (S8, T83N, R5W, Linn Co.)							X				
62	\ \ E. Big Cr.	Mouth (S30, T84N, R5W, Linn Co.) to Hwy. 151 crossing (S27, T84N, R5W, Linn Co.)							X				
63	\ Indian Cr.	Mouth (S30, T83N, R6W, Linn Co.) to confluence with an unnamed tributary (S20, T84N, R6W, Linn Co.)							X				
64	\ \ Squaw Cr.	Mouth (S29, T83N, R6W, Linn Co.) to confluence with an unnamed tributary (S20, T83N, R6W, Linn Co.)							X				
65	\ \ Dry Cr.	Mouth (S1, T83N, R7W, Linn Co.) to confluence with an unnamed tributary (S15, T84N, R7W, Linn Co.)							X				
66	\ Prairie Cr.	Mouth (Linn Co.) to confluence with an unnamed tributary (SE1/4, SW1/4, S13, T83N, R12W, Benton Co.)							X				
67	\ \ Mud Cr.	Mouth (S21, T82N, R9W, Benton Co.) to confluence with an unnamed tributary (E1/2, S7, T82N, R9W, Benton Co.)							X				
68	\ Morgan Cr.	Mouth (S14, T83N, R8W, Linn Co.) to confluence with an unnamed tributary (SW1/4, S22, T83N, R8W, Linn Co.)							X				
69	\ Otter Cr.	Mouth (S35, T84N, R8W, Linn Co.) to confluence with E. & W. Otter Crs. (S7, T84N, R7W, Linn Co.)							X				
70	\ \ W. Otter Cr.	Mouth (S7, T84N, R7W, Linn Co.) to confluence with unnamed tributary entering along the left descending bank in S6, T85N, R7W, Linn Co.							X				

Iowa - Cedar River Basins - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
71	\ \ E. Otter Cr.	Mouth (S7, T84N, R7W, Linn Co.) to confluence with unnamed tributary (S16, T85N, R7W, Linn Co.)					X						
72	\ Bear Cr.	Mouth (S21, T84N, R8W, Linn Co.) to confluence with Wildcat Cr. (S5/8 line, T84N, R9W, Benton Co.)					X						
73	\ Blue Cr.	Mouth (S18, T85N, R8W, Linn Co.) to confluence with E. Br. Blue Cr. (S7, T85N, R8W, Linn Co.)					X						
74	\ Mud Cr.	Mouth (Benton Co.) to confluence with an unnamed tributary (S15, T84N, R11W, Benton Co.)					X						
75	\ Pratt Cr.	Mouth (S6, T85N, R10W, Benton Co.) to confluence with an unnamed tributary (NE1/4, S7, T85N, R11W, Benton Co.)					X						
76	\ Bear Cr.	Mouth (S21, T86N, R10W, Benton Co.) to confluence with an unnamed tributary (SW1/4, S34, T88N, R9W, Buchanan Co.)					X						
77	\ Lime Cr.	Mouth (Benton Co.) to confluence with an unnamed tributary (S1, T87N, R10W, Buchanan Co.)		X		X							
78	\ Lime Cr.	Confluence with an unnamed tributary (S1, T87N, R10W, Buchanan Co.) to confluence with an unnamed tributary (SW1/4, S11, T88N, R10W, Buchanan Co.)					X						
79	\ Spring Cr.	Mouth (S27, T87N, R11W, Black Hawk Co.) to confluence with E. Br. Spring Cr. (S11, T87N, R11W, Black Hawk Co.)					X						
80	\ Wolf Cr.	Mouth (Black Hawk Co.) to confluence with Twelvemile Cr. (Tama Co.)		X		X							
81	\ Wolf Cr.	Mouth of Twelvemile Cr. (S19, T86N, R13W, Tama Co.) to confluence with an unnamed tributary (S25, T86N, R18W, Grundy Co.)					X						
82	\ \ Twelvemile Cr.	Mouth (S19, T86N, R13W, Tama Co.) to confluence with Given Cr. (S24, T86N, R15W, Tama Co.)					X						
83	\ \ \ Rock Cr.	Mouth (S23, T86N, R14W, Tama Co.) to confluence with an unnamed tributary (S2, T86N, R14W, Tama Co.)					X						
84	\ Mud Cr.	Mouth (S13, T87N, R12W, Black Hawk Co.) to upper end of ponded area (S14, T87N, R12W, Black Hawk Co.)					X						
85	\ Miller Cr.	Mouth (S35, T88N, R12W, Black Hawk Co.) to confluence with an unnamed tributary (NW1/4, S7, T87N, R12W, Black Hawk Co.)					X						
86	\ Poyner Cr.	Mouth (S15, T88N, R12W, Black Hawk Co.) to railroad tracks (S1/2, S36, T89N, R12W, Black Hawk Co.)					X						
87	\ Elk Run	Mouth (S6, T88N, R12W, Black Hawk Co.) to confluence with an unnamed tributary (S27, T89N, R12W, Black Hawk Co.)					X						
88	\ Black Hawk Cr.	Mouth (Black Hawk Co.) to Hwy 58 (E1/2 S27, T88N, R14W, Black Hawk Co.)	X	X	X								
89	\ Black Hawk Cr.	Hwy. 58 to confluence with N. Black Hawk Cr. (Grundy Co.)	X		X								
90	\ Black Hawk Cr.	Confluence with N. Black Hawk Cr. (S1, T87N, R15W, Grundy Co.) to confluence with an unnamed tributary (S12, T87N, R18W, Grundy Co.)					X						
91	\ \ N. Fk. Black Hawk Cr. (a.k.a. N. Blackhawk Cr.)	Mouth (S1, T87N, R15W, Grundy Co.) to confluence with an unnamed tributary (S8, T88N, R15W, Grundy Co.)					X						
92	\ \ Holland Cr.	Mouth (Grundy Co.) to confluence with an unnamed tributary (S29, T88N, R17W, Grundy Co.)					X						
93	\ Dry Run	Mouth (S18, T89N, R13W, Black Hawk Co.) to confluence with an unnamed tributary (S23, T89N, R14W, Black Hawk Co.)					X						
94	\ Beaver Cr.	Mouth (S34, T90N, R14W, Black Hawk Co.) to confluence with S. Beaver Cr. (S25, T90N, R17W, Butler Co.)	X		X								
95	\ Beaver Cr.	Confluence with S. Beaver Cr. (S25, T90N, R17W, Butler Co.) to confluence with an unnamed tributary (SE1/4, S29, T90N, R19W, Franklin Co.)					X						
96	\ \ S. Beaver Cr.	Mouth (S25, T90N, R17W, Butler Co.) to confluence with an unnamed tributary (NE1/4, NE1/4, S9, T88N, R18W, Grundy Co.)					X						
97	\ \ N. Beaver Cr.	Mouth (S23, T90N, R18W, Butler Co.) to confluence with Fockler Cr. (S18, T90N, R18W, Butler Co.)					X						
98	\ W. Fk. Cedar R.	Mouth (Black Hawk Co.) to confluence with Maynes Cr. (S7, T91N, R17W, Butler Co.)	X		X								X
99	\ W. Fk. Cedar R.	Confluence with Maynes Cr. (Butler Co.) to juncture of Beaverdam and Bailey Crs. (Franklin Co.)	X		X								
100	\ \ Shell Rock R.	Mouth (Black Hawk Co.) to S12, T91N, R15W, Butler Co. (S. corporate limits, Shell Rock)	X		X								X
101	\ \ Shell Rock R.	S. corporate limit of Shell Rock to confluence with the Winnebago R.	X		X								
102	\ \ Shell Rock R.	Winnebago R. to Iowa-Minnesota state line	X		X								
103	\ \ \ Flood Cr.	Mouth (S27, T93N, R16W, Butler Co.) to confluence with Beaver Cr. (S36, T95N, R17W, Butler Co.)					X						
104	\ \ \ Coldwater Cr.	Mouth (S29, T93N, R16W, Butler Co.) to confluence with an unnamed tributary (S26, T94N, R19W, Cerro Gordo Co.)					X						
105	\ \ \ Beaver Cr.	Mouth (SW1/4, S26, T95N, R18W, Floyd Co.) to confluence with Little Beaver Cr. (Center S21, T95N, R18W, Floyd Co.)					X						

Iowa - Cedar River Basins - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
106	\ \ Winnebago R. (a.k.a. Lime Cr.)	Mouth (Floyd Co.) to dam at Fertile (S34, T98N, R22W, Worth Co.)		X		X							
107	\ \ Winnebago R.	Mill Pond at Fertile		X		X							
108	\ \ Winnebago R.	Upper extent of Mill Pond at Fertile to confluence with Pike Run (S25, T99N, R24W, Winnebago Co.)		X		X							
109	\ \ Winnebago R.	Confluence with Pike Run (S25, T99N, R24W, Winnebago Co.) to state line					X						
110	\ \ \ Willow Cr.	Mouth (S3, T96N, R20W, Cerro Gordo Co.) to confluence with Clear Cr. (S16, T96N, R21W, Cerro Gordo Co.)					X						
111	\ \ \ Calmus Cr.	Mouth (S34, T97N, R20W, Cerro Gordo Co.) to Cerro Gordo Co. Rd.S34 (W. line, S30, T97N, R20W, Cerro Gordo Co.)					X						
112	\ \ \ Spring Cr.	Mouth (S28, T97N, R20W, Cerro Gordo Co.) to confluence with Blair Cr. (S9, T97N, R20W, Cerro Gordo Co.)					X						
113	\ \ \ Wharam Cr.	Mouth (S29, T97N, R20W, Cerro Gordo Co.) to confluence with an unnamed tributary (S7, T97N, R20W, Cerro Gordo Co.)					X						
114	\ \ \ Winans Cr.	Mouth (S36, T98N, R22W, Worth Co.) to N/S road crossing S1/2, S25, T98N, R22W, Worth Co.					X						
115	\ \ \ Beaver Cr.	Mouth (S34, T98N, R22W, Worth Co.) to confluence with D. D. 54 (S25, T98N, R23W, Winnebago Co.)					X						
116	\ \ \ Rock Falls Cr.	Mouth (S16, T97N, R19W, Cerro Gordo Co.) to confluence with an unnamed tributary (S4, T97N, R19W, Cerro Gordo Co.)					X						
117	\ \ Rose Cr. (a.k.a. Plymouth or Beaver Cr.)	Mouth (NW1/4, S8, T97N, R19W, Cerro Gordo Co.) to confluence with an unnamed tributary (S35, T98N, R20W, Worth Co.)					X						
118	\ \ Elk Cr.	Mouth (S27, T99N, R20W, Worth Co.) to E. line S13, T99N, R22W, Worth Co.					X						
119	\ \ Elk Cr.	E. line S13, T99N, R22W, Worth Co. to confluence with unnamed tributary (S4, T99N, R22W, Worth Co.)						X					
120	\ \ Maynes Cr.	Mouth (S7, T91N, R17W, Butler Co.) to confluence with an unnamed tributary (S22, T91N, R21W, Franklin Co.)					X						
121	\ \ \ Unnamed Cr. (a.k.a. D.D. 6)	Mouth (S29, T91N, R20W, Franklin Co.) to confluence with an unnamed tributary (S36, T91N, R21W, Franklin Co.)					X						
122	\ \ Boylan Cr.	Mouth (S1, T91N, R18W, Butler Co.) to confluence with unnamed tributary (NE1/4, S31, T93N, R18W, Butler Co.)					X						
123	\ \ Hartgrave Cr.	Mouth (S34, T92N, R18W, Butler Co.) to confluence with Squaw Cr. (S28, T92N, R19W, Franklin Co.)					X						
124	\ \ \ Squaw Cr.	Mouth (Franklin Co.) to confluence with an unnamed tributary (S29, T92N, R20W, Franklin Co.)					X						
125	\ \ \ Otter Cr.	Mouth (S28, T92N, R19W, Franklin Co.) to confluence with D. D. 55 (S24, T93W, R21W, Franklin Co.)					X						
126	\ \ \ Spring Cr.	Mouth (Franklin Co.) to bridge crossing at (S21/22, T92N, R21W, Franklin Co.) [excluding Beeds L.]					X						
127	\ \ \ Spring Cr.	Beeds Lake Dam to W. line of S19, T92N, R20W, Franklin Co.	X		X								
128	\ \ \ Buffalo Cr.	Mouth (S5, T92N, R20W, Franklin Co.) to N/S road crossing, W. line, S10, T92N, R21W, Franklin Co.					X						
129	\ \ Bailey Cr.	Mouth (Franklin Co.) to confluence with an unnamed tributary (S16, T94N, R22W, Cerro Gordo Co.)					X						
130	\ \ \ D.D. 70	Mouth (Cerro Gordo Co.) to bridge crossing at S13/14, T94N, R22W, Cerro Gordo Co.					X						
131	\ \ Beaverdam Cr.	Mouth (confluence with Bailey Cr. S19, T93N, R19W, Franklin Co.) to confluence with an unnamed tributary (S12, T95N, R22W, Cerro Gordo Co.)					X						
132	\ \ \ Littlebridge Cr.	Mouth (S. line S26, T94N, R20W, Cerro Gordo Co.) to center of S23, T94N, R20W, Cerro Gordo Co.					X						
133	\ \ \ E. Br. Beaverdam Cr.	Mouth (Cerro Gordo Co.) to confluence with an unnamed tributary (S4, T94N, R20W, Cerro Gordo Co.)					X						
134	\ \ \ W. Br. Beaverdam Cr.	Mouth (Cerro Gordo Co.) to confluence with an unnamed tributary (S9, T94N, R21W, Cerro Gordo Co.)					X						
135	\ \ Quarter Section Run	Mouth (S19, T91N, R13W, Bremer Co.) to confluence with an unnamed tributary (NE1/4, NW1/4, S26, T92N, R13W, Bremer Co.)					X						
136	\ \ Baskins Run	Mouth (S28, T91N, R13W, Bremer Co.) to confluence with an unnamed tributary (S30, T92N, R13W, Bremer Co.)					X						
137	\ \ Horton Cr. (a.k.a. Twomile Cr.)	Mouth (S33, T93N, R14W, Bremer Co.) to confluence with an unnamed tributary (NW1/4, S23, T93N, R14W, Bremer Co.)					X						
138	\ \ Little Cedar R.	Mouth (Chickasaw Co.) to Iowa-Minnesota state line		X		X							
139	\ \ Burr Oak Cr.	Mouth (S12, T98N, R16W, Mitchell Co.) to W. line, S10, T98N, R16W, Mitchell Co.						X					
140	\ \ Burr Oak Cr.	Mitchell Co. Rd. T46 to N. line of S5, T98N, R16W, Mitchell Co.		X					X			X	

Iowa - Cedar River Basins - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
141	\ Beaver Cr.	Mouth (Mitchell Co.) to Mitchell Co. Rd. A31 (N. line of S19, T99N, R15W, Mitchell Co.)		X						X			X
142	\ Rock Cr.	Mouth (Floyd Co.) to confluence with Goose Cr. (S35, T98N, R18W, Mitchell Co.)		X		X							
143	\ Rock Cr.	Confluence with Goose Cr. (Mitchell Co.) to Hwy. 9 (N. line of S26, T98N, R18W, Mitchell Co.)		X					X			X	
144	\ Rock Cr.	Hwy. 9 to confluence with an unnamed tributary (S22, T98N, R18W, Mitchell Co.)					X						
145	\ Spring Cr.	Mouth (Mitchell Co.) to N. line of S8, T97N, R16W, Mitchell Co.		X					X		X		
146	\ Turtle Cr.	Mouth (Mitchell Co.) to E. line of S7, T99, R17W, Mitchell Co.		X					X		X		
147	\ Deer Cr.	Mouth (S23, T99N, R18W, Mitchell Co.) to confluence with an unnamed tributary (E. line, S28, T100N, R19W, Worth Co.)					X						
148	\ Otter Cr.	Mouth (S21, T100N, R18W, Mitchell Co.) to Iowa-Minnesota state line					X						
149	<u>HONEY CR. AND ITS TRIBUTARIES</u> Honey Cr.	Mouth (S1, T75N, R5W, Louisa Co.) to road crossing (S25, T76N, R5W, Louisa Co.)					X						
150	<u>UNNAMED CR. AND ITS TRIBUTARIES</u> Unnamed Cr.	Mouth (S16, T76N, R5W, Louisa Co.) to E/W road crossing (S9, T76N, R5W, Louisa Co.)					X						
151	<u>IOWA R. ABOVE CEDAR R. AND ITS TRIBUTARIES</u> \ English R.	Mouth (Washington Co.) to confluence with Ramsey Cr. (S14, T77N, R8W, Washington Co.)		X		X					X		
152	\ English R.	Confluence with Ramsey Cr. (S14, T77N, R8W, Washington Co.) to confluence with N. & S. English R. (S6, T77N, R9W, Washington Co.)		X		X							
153	\ S. English R.	Mouth (S6, T77N, R9W, Washington Co.) to confluence with an unnamed tributary (E1/2, S9, T77N, R13W, Keokuk Co.)					X						
154	\ N. English R.	Mouth (S6, T77N, R17W, Washington Co.) to confluence with an unnamed tributary (SE1/4, S1, T79N, R16W, Poweshiek Co.)					X						
155	\ Middle English R.	Mouth (S20, T78N, R10W, Iowa Co.) to confluence with an unnamed tributary (E1/8, S24, T78N, R12W, Iowa Co.)					X						
156	\ Deep R.	Mouth (S4, T78N, R12W, Iowa Co.) to confluence with an unnamed tributary (SE1/4, S34, T79N, R14W, Poweshiek Co.)					X						
157	\ Dugout Cr.	Mouth (S15, T79N, R14W, Poweshiek Co.) to confluence with an unnamed tributary (SE1/4, S8, T79N, R14W, Poweshiek Co.)					X						
158	\ Old Mans Cr.	Mouth (S27, T78N, R6W, Johnson Co.) to confluence with Hog Run (S6/7 line, T79N, R10W, Iowa Co.)					X						
159	\ Clear Cr.	Mouth (Johnson Co.) to confluence with an unnamed tributary (S22, T80N, R9W, Iowa Co.)					X						
160	\ Rapid Cr.	Mouth (S34, T80N, R6W, Johnson Co.) to confluence with an unnamed tributary (E1/2, S20, T80N, R5W, Johnson Co.)					X						
161	\ Mill Cr.	Mouth (Johnson Co.) to confluence with an unnamed tributary (S23, T81N, R6W, Johnson Co.)					X						
162	\ Hoosier Cr.	Mouth (S17, T81N, R6W, Johnson Co.) to confluence with S. Hoosier Cr. (S25, T82N, R7W, Linn Co.)					X						
163	\ Knapp Cr.	Mouth (S34, T81N, R8W, Johnson Co.) to confluence with an unnamed tributary (S16, T81N, R8W, Johnson Co.)					X						
164	\ Price Cr.	Mouth (S36, T81N, R9W, Iowa Co.) to mouth of Mill Race (S26, T81N, R9W, Iowa Co.)		X		X							
165	\ Price Cr.	Mouth of Mill Race (S26, T81N, R9W, Iowa Co.) confluence with an unnamed tributary (NW1/4, S8, T81N, R9W, Iowa Co.)					X						
166	\ Mill Race	Upstream beginning (S27, T81N, R10W, Iowa Co.) to end (S26, T81N, R9W, Iowa Co.)		X		X							
167	\ Big Bear Cr.	Mouth (S24, T81N, R11W, Iowa Co.) to confluence with unnamed tributary (W. line, S21, T81N, R16W, Poweshiek Co.)					X						
168	\ Little Bear Cr.	Mouth (Poweshiek Co.) to confluence with an unnamed tributary (SW1/4, S13, T80N, R16W, Poweshiek Co.)					X						
169	\ Buckeye Cr.	Mouth (S11, T81N, R12W, Iowa Co.) to confluence with an unnamed tributary (SE1/4, S22, T82N, R12W, Benton Co.)					X						
170	\ Walnut Cr.	Mouth (S31, T82N, R12W, Benton Co.) to confluence with an unnamed tributary (NW1/4, S24, T81N, R15W, Poweshiek Co.)					X						
171	\ Salt Cr.	Mouth (S31, T82N, R12W, Benton Co.) to confluence with an unnamed tributary (S28, T85N, R14W, Tama Co.)					X						
172	\ E. Br. Salt Cr.	Mouth (S43, T84N, R13W, Tama Co.) to bridge crossing (N. line of S3, T84N, R13W, Tama Co.)					X						
173	\ Stein Cr.	Mouth (S26, T84N, R13W, Tama Co.) to confluence with an unnamed tributary (NE1/4, S17, T84N, R12W, Benton Co.)					X						
174	\ Otter Cr.	Mouth (Tama Co.) to the water control structure for Otter Creek Marsh (S12, T82N, R14W, Tama Co.)					X						
175	\ Richland Cr.	Mouth (S13, T82N, R14W, Tama Co.) to confluence with Abes Fk. (Center, S20, T82N, R15W, Tama Co.)					X						

Iowa - Cedar River Basins - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
176	\ Deer Cr.	Mouth (S34, T83N, R15W, Tama Co.) to confluence with an unnamed tributary (NE1/4, SE1/4, S23, T84N, R16W, Tama Co.)					X						
177	\ Raven Cr.	Mouth (S25, T83N, R16W, Tama Co.) to W. line S35, T83N, R16W, Tama Co.					X						
178	\ Timber Cr.	Mouth (Marshall Co.) to confluence with N. Timber Cr. (S24, T83N, R18W, Marshall Co.)					X						
179	\ \ S. Timber Cr.	Mouth (S17, T83N, R17W, Marshall Co.) to confluence with an unnamed tributary (S10, T82N, R18W, Marshall Co.)					X						
180	\ \ \ Brush Cr.	Mouth (S24, T83N, R18W, Marshall Co.) to confluence with an unnamed tributary (S16, T82N, R17W, Marshall Co.)					X						
181	\ \ N. Timber Cr.	Mouth (S24, T84N, R18W, Marshall Co.) to confluence with an unnamed tributary (S23, T83N, R19W, Marshall Co.)					X						
182	\ Linn Cr.	Mouth (S30, T84N, R17W, Marshall Co.) to confluence with an unnamed tributary (W1/2, NE1/4, S5, T83N, R19W, Marshall Co.)					X						
183	\ Burnett Cr.	Mouth (S24, T84N, R18W, Marshall Co.) to confluence with an unnamed tributary (SE1/4, NW1/4, S13, T84N, R18W, Marshall Co.)					X						
184	\ Asher Cr.	Mouth (S27, T84N, R18W, Marshall Co.) to confluence with Chicken Cr. (NW1/4, NE1/4, S16, T84N, R18W, Marshall Co.)					X						
185	\ Minerva Cr.	Mouth (NW1/4, S2, T84N, R19W, Marshall Co.) to confluence with an unnamed tributary (S33, T86N, R21W, Hardin Co.)					X						
186	\ Honey Cr.	Mouth (Marshall Co.) to confluence with D. D. 55 (S32, T87N, R21W, Hardin Co.)					X						
187	\ Dowd Cr.	Mouth (S2, T85N, R19W, Marshall Co.) to confluence with an unnamed tributary (S1, T85N, R19W, Marshall Co.)					X						
188	\ Bear Cr.	Mouth (S9, T86N, R19W, Hardin Co.) to confluence with an unnamed tributary (E1/2, S3, T86N, R19W, Hardin Co.)					X						
189	\ S. Fk. Iowa R.	Confluence with an unnamed tributary (S11, T88N, R22W, Hardin Co.) to confluence with an unnamed tributary (SE1/4, S35, T90N, R23W, Wright Co.)					X						
190	\ S. Fk. Iowa R.	Mouth (S4, T86N, R19W, Hardin Co.) to confluence with an unnamed tributary (W1/2, S19, T88N, R21W, Hardin Co.)					X	X					
191	\ S. Fk. Iowa R.	Confluence with an unnamed tributary (W1/2, S19, T88N, R21W, Hardin Co.) to confluence with an unnamed tributary (S11, T88N, R22W, Hardin Co.)							X				
192	\ \ Beaver Cr.	Mouth (SE1/4, S25, T87N, R20W, Hardin Co.) to confluence with S. Beaver Cr. (NE1/4, S28, T88N, R20W, Hardin Co.)							X				
193	\ \ Tipton Cr.	Mouth (S21, T87N, R20W, Hardin Co.) to confluence with New York Br. (S28, T88N, R22W, Hardin Co.)							X				
194	\ Pine Cr.	Mouth (S8, T87N, R19W, Hardin Co.) to dam of Lower Pine Lake (S9, T87N, R19W, Hardin Co.)				X	X						
195	\ Pine Cr.	Lower Pine Lake				X		X					
196	\ Pine Cr.	Upper extent of Lower Pine Lake to dam of Upper Pine Lake (S4, T87N, R19W, Hardin Co.)				X		X					
197	\ Pine Cr.	Upper Pine Lake				X		X					
198	\ School Cr.	Mouth (S28, T89N, R20W, Hardin Co.) to confluence with an unnamed tributary (S16, T89N, R20W, Hardin Co.)							X				
199	\ Sheldon Cr.	Mouth (S19, T90N, R22W, Franklin Co.) to N/S road crossing bisecting N1/2, S24, T90N, R23W, Wright Co.)							X				
200	\ Elk Run	Mouth (S13, T89N, R21W, Hardin Co.) to confluence with an unnamed tributary (S2, T89N, R21W, Hardin Co.)							X				
201	\ Unnamed Cr. (a.k.a. D.D. 32)	Mouth (SE1/4, S30, T91N, R22W, Franklin Co.) to confluence with an unnamed tributary (NW1/4, S29, T91N, R22W, Franklin Co.)							X				
202	\ D. D. 3 (a.k.a. Wheeler Cr.)	Mouth (NW1/4, SE1/4, S10, T91N, R23W, Wright Co.) to confluence with D.D. 5 (W line, S20, T91, R23, Wright Co.)							X				
203	\ Unnamed Cr. (a.k.a. Joint D. D. 7 & 146)	Mouth (N. line, S4, T91N, R23W, Wright Co.) to confluence with an unnamed tributary (a.k.a. Joint D. D. 4, 118) (SE1/4, S28, T92N, R23W, Wright Co.)							X				
204	\ Luicks Cr.	Mouth (S31, T93N, R23W, Wright Co.) to confluence with an unnamed tributary (a.k.a. Joint D No.'s 3, 111) (NW1/4, S3, T92N, R23W, Wright Co.)							X				
205	\ W. Fk. Iowa R. (a.k.a. W. Br. Iowa R.)	Mouth (S19, T93N, R23W, Wright Co.) to confluence with D.D. 1 (S2, T95N, R25W, Hancock Co.)							X				
206	\ E. Fk. Iowa R. (a.k.a. E. Br. Iowa R.)	Mouth (S19, T93N, R23W, Wright Co.) to confluence with an unnamed tributary (S27, T97N, R24W, Hancock Co.)							X				

Northeastern Iowa River Basins - Index

Waterbody Name	Number	County
Ames Cr.	20	Clinton
Barber Cr.	23	Clinton
Baron Spring	216	Clayton
Bass Cr.	261	Fayette
Bass Cr.	262	Fayette
Bear Cr.	106	Dubuque / Delaware
Bear Cr. (a.k.a. Big Bear Cr.)	109	Jackson
Bear Cr. (a.k.a. Big Bear Cr.)	110	Jackson / Jones
Bear Cr.	207	Clayton
Bear Cr.	208	Clayton
Bear Cr.	230	Fayette
Bear Cr.	231	Fayette
Bear Cr.	311	Allamakee / Winneshiek
Bear Cr. (a.k.a. South Bear Cr.)	312	Winneshiek
Beaver Cr.	71	Jackson
Beaver Cr.	248	Clayton / Fayette
Beaver Cr.	345	Howard
Beaver Cr.	346	Howard
Beers Cr.	111	Jackson / Jones
Bell Cr.	252	Fayette
Bloody Run	156	Dubuque
Bloody Run	277	Clayton
Bloody Run Cr. (a.k.a. Grimes Hollow)	183	Clayton / Delaware
Bohemian Cr.	265	Winneshiek / Howard
Brophy Cr.	17	Clinton
Brophy Cr.	18	Clinton
Brownfield Cr.	197	Clayton
Bruce Cr.	133	Clayton / Fayette
Brush Cr.	82	Jackson
Brush Cr.	83	Jackson
Brush Cr.	84	Jackson
Brush Cr.	227	Fayette
Brush Cr.	228	Fayette
Brush Cr.	229	Fayette
Buck Cr.	55	Buchanan / Bremer
Buck Cr.	119	Delaware
Buck Cr.	272	Clayton
Buck Cr.	273	Clayton
Buffalo Cr.	32	Jones / Linn

Northeastern Iowa River Basins - Index

Waterbody Name	Number	County
Buffalo Cr.	33	Linn
Buffalo Cr.	34	Linn / Buchanan
Buffalo Cr.	35	Buchanan
Buncombe Cr.	97	Dubuque
Calamus Cr.	27	Clinton
Canoe Cr.	319	Winneshiek
Canoe Cr. (a.k.a. W. Canoe Cr.)	320	Winneshiek
Canoe Cr.	321	Winneshiek
Carlan Cr.	187	Clayton
Catfish Cr.	147	Dubuque
Catfish Cr.	148	Dubuque
Catfish Cr.	149	Dubuque
Cedar Cr.	91	Jackson
Cherry Cr.	19	Clinton
Chalk Cr.	266	Howard
Clear Cr.	301	Allamakee
Clear Cr.	309	Allamakee
Cline Br.	99	Jackson
Cline Cr.	117	Jones / Delaware
Cloie Br.	157	Dubuque
Cloie Br.	158	Dubuque
Coffins Cr.	125	Delaware
Coon Cr.	324	Winneshiek
Cota Cr.	296	Allamakee
Coulee Cr.	237	Fayette
Cox Cr. (a.k.a. Alderson Hollow)	213	Clayton
Cox Cr. (a.k.a. Alderson Hollow)	214	Clayton
Crane Cr.	56	Black Hawk / Bremer
Crane Cr.	259	Fayette / Howard
Crane Cr.	260	Howard
Crow Cr.	10	Scott
Curran Br.	104	Dubuque
D. D. 12 (a.k.a. Unnamed Cr.)	28	Clinton
Deep Cr.	79	Jackson / Clinton
Deep Cr.	80	Clinton
Deep Cr.	223	Clayton / Fayette
Dibble Cr.	253	Fayette
Doe Cr.	210	Clayton
Dousman Cr.	282	Allamakee

Northeastern Iowa River Basins - Index

Waterbody Name	Number	County
Dry Br.	256	Fayette
Dry Cr.	44	Buchanan
Dry Mill Cr.	242	Clayton
Dry Mill Cr.	243	Clayton
Dry Run	331	Winneshiek
Duck Cr.	8	Scott
Duck Cr.	9	Scott
Duck Cr.	136	Jackson
Durion Cr.	105	Delaware / Dubuque
E. Br. Buffalo Cr.	38	Buchanan / Fayette
E. Br. Otter Cr.	51	Buchanan
E. Fk. Wapsipinicon R.	57	Bremer
E. Fk. Wapsipinicon R.	58	Bremer / Chickasaw
E. Pine Cr.	338	Winneshiek
Elk Cr.	62	Chickasaw
Elk Cr.	192	Clayton
Elk Cr.	193	Clayton / Delaware
Elk R.	68	Clinton
Elk R.	69	Clinton / Jackson
Ensign Cr. (a.k.a. Ensign Hollow)	219	Clayton
Farmers Cr.	92	Jackson
Fenchel Cr.	132	Delaware
Fitzgerald Cr.	254	Fayette
Fountain Spring Cr. (a.k.a. Odell Br.)	199	Delaware
French Cr.	308	Allamakee
Granger Cr.	150	Dubuque
Grannis Cr.	232	Fayette
Hainer Cr.	85	Jackson
Harter Cr.	45	Buchanan
Harts Mill Cr.	66	Clinton
Hazelton Cr.	52	Buchanan
Heatons Cr.	39	Linn
Hewett Cr.	217	Clayton
Hewitt Cr.	107	Dubuque
Hickory Cr.	108	Dubuque
Hickory Cr.	285	Allamakee
Hickory Cr.	286	Allamakee / Clayton
Hogans Br.	167	Dubuque
Hogans Br.	168	Dubuque

Northeastern Iowa River Basins - Index

Waterbody Name	Number	County
Honey Cr.	127	Delaware
Honey Cr.	211	Clayton
Hunter Cr.	50	Buchanan
Irish Hollow Cr.	307	Allamakee
Johns Cr.	103	Dubuque
Joles Cr.	186	Clayton
Kitty Cr.	114	Jones
Kleinlein Cr. (a.k.a. Spring Cr.)	215	Clayton
Lindsey Cr. (a.k.a. Little York Br.)	128	Delaware
Little Maquoketa R.	154	Dubuque
Little Maquoketa R.	155	Dubuque
Little Mill Cr.	139	Jackson
Little Paint Cr.	295	Allamakee
Little Turkey R.	177	Clayton
Little Turkey R.	178	Clayton
Little Turkey R.	179	Delaware
Little Turkey R.	180	Delaware
Little Turkey R.	257	Fayette / Chickasaw
Little Turkey R.	258	Chickasaw / Howard
Little Volga R.	238	Fayette
Little Volga R.	239	Fayette
Little Wapsipinicon R.	53	Buchanan
Little Wapsipinicon R.	54	Buchanan / Bremer
Lost Cr.	16	Scott
Lux Cr.	146	Jackson / Dubuque
Lytle Cr.	93	Jackson / Dubuque
Lytle Cr.	94	Dubuque
Mad Cr.	5	Muscatine
Maquoketa R.	72	Jackson
Maquoketa R.	73	Jackson / Delaware
Maquoketa R.	74	Delaware
Maquoketa R.	75	Delaware
Maquoketa R.	76	Delaware
Maquoketa R.	77	Delaware / Fayette
Maquoketa R.	78	Fayette
Martha Cr.	340	Winneshiek
Middle Bear Cr.	315	Winneshiek
Middle Fk. Catfish Cr. (a.k.a. N. Fk. Catfish Cr.)	151	Dubuque
Middle Fk. Little Maquoketa R.	160	Dubuque

Northeastern Iowa River Basins - Index

Waterbody Name	Number	County
Middle Fk. Little Maquoketa R. (a.k.a. Bankston Cr.)	161	Dubuque
Mill Cr.	30	Jones / Cedar
Mill Cr.	65	Clinton
Mill Cr. (a.k.a. Big Mill Cr.)	137	Jackson
Mill Cr. (a.k.a. Big Mill Cr.)	138	Jackson
Mineral Cr.	112	Jackson / Jones
Miners Cr.	270	Clayton
Miners Cr.	271	Clayton
Mink Cr.	224	Clayton / Fayette
Mink Cr.	225	Fayette
Minor Cr.	342	Winneshiek / Howard
Mississippi R.	1	Louisa / Allamakee
Mississippi R.	2	Scott
Mossey Glen Cr.	212	Clayton
Mud Cr.	24	Scott
Muscatine Slough	3	Louisa / Muscatine
Nagel Cr.	220	Clayton
Nichols Cr. (a.k.a. Bigalk Cr.)	343	Winneshiek / Howard
Norfolk Cr.	288	Allamakee
N. Bear Cr.	314	Winneshiek
N. Br. Turkey R.	267	Howard
N. Br. Volga R.	240	Fayette
N. Canoe Cr.	323	Winneshiek
N. Cedar Cr.	275	Clayton
N. Fk. Catfish Cr.	152	Dubuque
N. Fk. Little Maquoketa R.	159	Dubuque
N. Fk. Maquoketa R.	87	Jackson / Jones
N. Fk. Maquoketa R.	88	Jones / Dubuque
N. Fk. Maquoketa R.	89	Dubuque
N. Fk. Yellow R.	291	Winneshiek
Nutting Cr.	255	Fayette
Otter Cr.	46	Buchanan / Fayette
Otter Cr.	47	Fayette
Otter Cr.	48	Fayette
Otter Cr.	49	Fayette
Otter Cr.	95	Jackson / Dubuque
Otter Cr.	249	Fayette
Otter Cr.	250	Fayette
Ozark Spring Run	100	Jackson

Northeastern Iowa River Basins - Index

Waterbody Name	Number	County
Paint Cr.	292	Allamakee
Paint Cr.	293	Allamakee
Paint Cr.	294	Allamakee
Paint Cr. (a.k.a. Pine Cr.)	316	Allamakee / Winneshiek
Patterson Cr.	318	Allamakee
Pecks Cr.	185	Clayton
Penn Cr.	122	Delaware
Pine Cr.	6	Muscatine
Pine Cr.	7	Muscatine
Pine Cr.	43	Buchanan
Pine Cr.	196	Clayton
Pine Cr.	322	Winneshiek
Pine Cr.	337	Winneshiek
Pleasant Cr.	134	Jackson
Pleasant Cr.	135	Jackson
Plum Cr.	29	Clinton / Cedar
Plum Cr.	59	Chickasaw
Plum Cr.	120	Delaware
Plum Cr.	121	Delaware
Plum Cr.	169	Clayton
Point Hollow Cr. (a.k.a. White Pine Cr.)	182	Clayton / Dubuque
Prairie Cr.	86	Jackson
Prairie Cr.	98	Dubuque
Prairie Cr.	126	Delaware / Buchanan
Rabbit Cr.	209	Clayton
Ram Hollow	184	Delaware
Roberts Cr.	241	Clayton
Rock Cr.	25	Clinton / Cedar
Rock Cr.	64	Clinton
Rogers Cr.	263	Winneshiek
Sand Cr.	41	Buchanan
Sand Cr.	124	Delaware
Sand Hagen Cr.	130	Delaware
Schechtman Br.	201	Delaware
Schechtman Br.	202	Delaware
Schramling Cr.	70	Clinton
Silver Cr.	21	Clinton
Silver Cr.	22	Clinton
Silver Cr.	36	Buchanan / Delaware

Northeastern Iowa River Basins - Index

Waterbody Name	Number	County
Silver Cr.	118	Jones
Silver Cr.	244	Clayton
Silver Cr.	310	Allamakee
Silver Cr.	335	Winneshiek
Silver Cr.	336	Winneshiek
Silver Cr.	341	Winneshiek / Howard
Smith Cr. (a.k.a. Trout R.)	327	Winneshiek
Sny Magill Cr. (a.k.a. Magill Cr.)	274	Clayton
S. Br. Fountain Spring Cr.	200	Delaware
S. Cedar Cr. (a.k.a. Cedar Cr.)	188	Clayton
S. Cedar Cr. (a.k.a. Cedar Cr.)	189	Clayton
S. Fk. Catfish Cr.	153	Dubuque
S. Fk. Maquoketa R.	131	Delaware / Fayette
Spencer Cr.	11	Scott
Spring Br.	61	Chickasaw
Spring Br.	123	Delaware
Spruce Cr.	143	Jackson
Staff Cr.	347	Howard
Steeles Br.	195	Clayton / Delaware
Storybook Hollow	141	Jackson
Sugar Cr.	81	Jackson / Clinton
Suttle Cr.	283	Allamakee
Teeple Cr.	289	Allamakee
Ten Mile Cr.	333	Winneshiek
Tete des Morts Cr. (a.k.a. Tete des Morts R.)	144	Dubuque / Jackson
Tete des Morts Cr. (a.k.a. Tete des Morts R.)	145	Jackson / Dubuque
Trout Cr.	325	Winneshiek
Trout Cr.	326	Winneshiek
Trout Cr. (a.k.a. Trout Run)	328	Winneshiek
Trout Cr.	329	Winneshiek
Trout Run	299	Allamakee
Tuecke Hollow	190	Clayton
Turkey R.	170	Clayton
Turkey R.	171	Clayton
Turkey R.	172	Clayton
Turkey R.	173	Clayton / Fayette
Turkey R.	174	Fayette / Howard
Turkey R.	175	Howard
Turkey R.	176	Howard

Northeastern Iowa River Basins - Index

Waterbody Name	Number	County
Twin Springs Cr.	198	Delaware
Twin Springs Cr.	332	Winneshiek
Unnamed Cr.	4	Louisa
Unnamed Cr.	42	Buchanan
Unnamed Cr. (a.k.a. Deer Cr.)	67	Clinton
Unnamed Cr. (a.k.a. Hurtsville Br.)	90	Jackson
Unnamed Cr.	96	Jackson
Unnamed Cr. (a.k.a. Tibbets Cr.)	113	Jones
Unnamed Cr.	116	Jones
Unnamed Cr. (a.k.a. Lindsey Cr.)	129	Delaware
Unnamed Cr. (a.k.a. S. Fk. Big Mill Cr.)	140	Jackson
Unnamed Cr.	142	Jackson
Unnamed Cr.	162	Dubuque
Unnamed Cr.	163	Dubuque
Unnamed Cr. (a.k.a. Haberkorn Cr.)	164	Dubuque
Unnamed Cr.	165	Dubuque
Unnamed Cr.	166	Dubuque
Unnamed Cr. (a.k.a. Cherry Valley Cr.)	181	Clayton
Unnamed Cr.	218	Clayton
Unnamed Cr.	221	Clayton
Unnamed Cr.	226	Clayton
Unnamed Cr.	233	Fayette
Unnamed Cr.	234	Fayette
Unnamed Cr. (a.k.a. Volga Lake Outlet Cr.)	235	Fayette
Unnamed Cr.	236	Fayette
Unnamed Cr.	245	Clayton
Unnamed Cr.	246	Clayton
Unnamed Cr.	247	Clayton
Unnamed Cr. (a.k.a. Gloves Cr.)	251	Fayette
Unnamed Cr.	269	Howard
Unnamed Cr. (a.k.a. W. Fk. Sny Magill Cr.)	276	Clayton
Unnamed Cr. (a.k.a. Bear Cr.)	284	Allamakee
Unnamed Cr.	290	Allamakee
Unnamed Cr. (a.k.a. Erickson Spring Br.)	300	Allamakee
Unnamed Cr.	317	Winneshiek
Unnamed Cr. (a.k.a. Trout Run)	330	Winneshiek
Unnamed Cr. (a.k.a. Casey Spring Cr.)	334	Winneshiek
Unnamed Cr. (a.k.a. Cold Water Cr.)	339	Winneshiek
Unnamed Cr.	344	Howard

Northeastern Iowa River Basins - Index

Waterbody Name	Number	County
Upper Iowa R.	302	Allamakee
Upper Iowa R.	303	Allamakee / Winneshiek
Upper Iowa R.	304	Howard
Upper Iowa R.	305	Howard
Village Cr.	298	Allamakee
Volga R.	203	Clayton
Volga R.	204	Clayton / Fayette
Volga R.	205	Fayette
Volga R.	206	Fayette
Walnut Cr.	31	Jones
Walton Cr.	40	Linn
Wapsipinicon R.	12	Clinton / Bremer
Wapsipinicon R.	13	Bremer / Mitchell
Wapsipinicon R.	14	Mitchell
Wapsipinicon R.	15	Mitchell
Waterloo Cr.	313	Allamakee
Watsons Cr.	63	Mitchell / Howard
W. Br. Buffalo Cr.	37	Buchanan
W. Br. S. Cedar Cr.	191	Clayton
W. Br. Turkey R.	268	Howard
W. Kitty Cr.	115	Jones
Wexford Cr.	297	Allamakee
Whitewater Cr.	101	Jones / Dubuque
Whitewater Cr.	102	Dubuque
Williams Cr.	287	Allamakee
Willow Cr.	222	Clayton
Winnebago Cr.	306	Allamakee
Wolf Cr.	194	Clayton
Wonder Cr.	264	Winneshiek
Yankee Run	26	Clinton / Cedar
Yellow R.	278	Allamakee
Yellow R.	279	Allamakee
Yellow R.	280	Allamakee / Winneshiek
Yellow R.	281	Winneshiek

Northeastern Iowa River Basins - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
1	<u>MAJOR RIVER - MISSISSIPPI R. AND ITS TRIBUTARIES</u> Mississippi R.	Iowa R. to the Iowa-Minnesota state line	X			X							
2	Mississippi R.	Davenport Water Company Water Works intake									X		
3	<u>MUSCATINE SLOUGH AND ITS TRIBUTARIES</u> Muscatine Slough	Mouth (S32, T75N, R2W, Louisa Co.) to confluence with an unnamed tributary (E1/2, S7, T76N, R2W, Muscatine Co.)		X		X							
4	\ Unnamed Cr.	Mouth (S30, T75N, R2W, Louisa Co.) to confluence with an unnamed tributary (N1/2, S19, T75N, R2W, Louisa Co.)							X				
5	<u>MAD CR. AND ITS TRIBUTARIES</u> Mad Cr.	Mouth (S36, T77N, R2W, Muscatine Co.) to confluence with an unnamed tributary (SE1/4, S13, T77N, R2W, Muscatine Co.)							X				
6	<u>PINE CR. AND ITS TRIBUTARIES</u> Pine Cr.	Mouth (S21, T77N, R1E, Muscatine Co.) to Old Pine Cr. Mill (SE1/4, S17, T77N, R1E, Muscatine Co.)		X		X							
7	Pine Cr.	Old Pine Cr. Mill (SE1/4, S17, T77N, R1E, Muscatine Co.) to confluence with an unnamed tributary (S26, T78N, R1W, Muscatine Co.)							X				
8	<u>DUCK CR. AND ITS TRIBUTARIES</u> Duck Cr.	Mouth (S27, T78N, R4E, Scott Co.) to Co. Rd. (S16-21, T78N, R3E, Scott Co.)			X		X						
9	Duck Cr.	Co. Rd. (S16-21, T78N, R3E, Scott Co.) to confluence with an unnamed tributary (SE1/4, S14, T78N, R2E, Scott Co.)							X				
10	<u>CROW CR. AND ITS TRIBUTARIES</u> Crow Cr.	Mouth (S24, T78N, R4E, Scott Co.) to confluence with an unnamed tributary (W1/2, S30, T79N, R4E, Scott Co.)							X				
11	<u>SPENCER CR. AND ITS TRIBUTARIES</u> Spencer Cr.	Mouth (S18, T89N, R5E, Scott Co.) to confluence with an unnamed tributary (S34/35 line, T79N, R4E, Scott Co.)							X				
12	<u>WAPSIPINICON R. AND ITS TRIBUTARIES</u> Wapsipinicon R.	Mouth (Scott-Clinton Co. line) to Snyder Access	X			X							X
13	Wapsipinicon R.	Snyder Access (S34, T93N, R12W, Bremer Co.) to confluence with Watsons Cr. (S25, T99N, R15W, Mitchell Co.)		X		X							
14	Wapsipinicon R.	Confluence with Watsons Cr. (S25, T99N, R15W, Mitchell Co.) to town of McIntire							X				
15	Wapsipinicon R.	Town of McIntire to N. line of S20, T100N, R15W, Mitchell Co.		X						X			X
16	\ Lost Cr.	Mouth (S15, T80N, R5E, Scott Co.) to confluence with an unnamed tributary (NW1/4, S7, T79N, R5E, Scott Co.)							X				
17	\ Brophy Cr.	Mouth (S1, T80N, R4E, Clinton Co.) to confluence with Cherry Cr. (S17, T81N, R5E, Clinton Co.)		X		X							
18	\ Brophy Cr.	Confluence with Cherry Cr. (S17, T81N, R5E, Clinton Co.) to confluence with an unnamed tributary (S33/34 line, T82N, R5E, Clinton Co.)							X				
19	\ \ Cherry Cr.	Mouth (S17, T81N, R5E, Clinton Co.) to confluence with an unnamed tributary (W1/2, S36, T82N, R4E, Clinton Co.)							X				
20	\ Ames Cr.	Mouth (S4, T80N, R4E, Clinton Co.) to confluence with an unnamed tributary (S16, T81N, R4E, Clinton Co.)							X				
21	\ Silver Cr.	Mouth (S6, T80N, R4E, Clinton Co.) to confluence with Clear Cr. (a.k.a. Crystal Cr.) (S23, T81N, R3E, Clinton Co.)		X		X							
22	\ Silver Cr.	Confluence with Clear Cr. (a.k.a. Crystal Cr.) (S23, T81N, R3E, Clinton Co.) to confluence with Nigger Cr. (a.k.a. Negro Cr.) (S27, T82N, R3E, Clinton Co.)							X				
23	\ Barber Cr.	Mouth (Clinton Co.) to bridge crossing (SW1/4, S33, T81N, R3E, Clinton Co.)							X				
24	\ Mud Cr.	Mouth (S12, T80N, R2E, Scott Co.) to confluence with Hickory Cr. (S31, T80N, R2E, Scott Co.)							X				
25	\ Rock Cr.	Mouth (S35, T81N, R1E, Clinton Co.) to bridge crossing (S2/11 line, T80N, R1W, Cedar Co.)							X				
26	\ Yankee Run	Mouth (S23, T81N, R1E, Clinton Co.) to confluence with an unnamed tributary (S34, T82N, R1W, Cedar Co.)							X				
27	\ Calamus Cr.	Mouth (S13, T81N, R1E, Clinton Co.) to confluence with an unnamed tributary (S9, T81N, R2E, Clinton Co.)							X				
28	\ D. D. 12 (a.k.a. Unnamed Cr.)	Mouth (S13, T81N, R1E, Clinton Co.) to confluence with an unnamed tributary (S19, T82N, R2E, Clinton Co.)							X				
29	\ Plum Cr.	Mouth (S18, T82N, R1E, Clinton Co.) to confluence with an unnamed tributary (S13, T82N, R1W, Cedar Co.)							X				

Northeastern Iowa River Basins - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
30	\ Mill Cr.	Mouth (S28, T83N, R1W, Jones Co.) to confluence with an unnamed tributary (S14, T82N, R2W, Cedar Co.)					X						
31	\ Walnut Cr.	Mouth (S18, T83N, R2W, Jones Co.) to confluence with White Oak Cr. (S19, T83N, R3W, Jones Co.)					X						
32	\ Buffalo Cr.	Mouth (S10, T84N, R4W, Jones Co.) to the dam at Coggon (Linn Co.)		X		X							
33	\ Buffalo Cr.	Coggon Impoundment	X			X							
34	\ Buffalo Cr.	Upper extent of Coggon Impoundment to confluence with an unnamed tributary (N1/2, S27, T88N, R7W, Buchanan Co.)		X		X							
35	\ Buffalo Cr.	T88N, R7W, Buchanan Co.) to confluence with E. and W. Br. Buffalo Creeks (S35, T90N, R8W, Buchanan Co.)						X					
36	\ \ Silver Cr.	Mouth (NE1/4, S13, T87N, R7W, Buchanan Co.) to confluence with an unnamed tributary (NW1/4, S5, T87N, R6W, Delaware Co.)						X					
37	\ \ W. Br. Buffalo Cr.	Mouth (S35, T90N, R8W, Buchanan Co.) to confluence with an unnamed tributary (S9, T90N, R8W, Buchanan Co.)					X						
38	\ \ E. Br. Buffalo Cr.	Mouth (S35, T90N, R8W, Buchanan Co.) to confluence with an unnamed tributary (S34, T91N, R8W, Fayette Co.)					X						
39	\ Heatons Cr.	Mouth (S12, T85N, R6W, Linn Co.) to confluence with an unnamed tributary (S1, T85N, R6W, Linn Co.)					X						
40	\ Walton Cr.	Mouth (S20, T86N, R6W, Linn Co.) to confluence with an unnamed tributary (S1/2, S1, T86N, R7W, Linn Co.)					X						
41	\ Sand Cr.	Mouth (S14, T87N, R8W, Buchanan Co.) to confluence with an unnamed tributary (W1/2, S15, T87N, R8W, Buchanan Co.)					X						
42	\ Unnamed Cr.	Mouth (SE1/4, S28, T88N, R8W, Buchanan Co.) to confluence with an unnamed tributary (SE1/4, NW1/4, S22, T88N, R8W, Buchanan Co.)					X						
43	\ Pine Cr.	Mouth (S28, T88N, R8W, Buchanan Co.) to confluence with an unnamed tributary (NE1/4, S20, T89N, R8W, Buchanan Co.)					X						
44	\ \ Dry Cr.	Mouth (S21, T88N, R8W, Buchanan Co.) to confluence with an unnamed tributary (W1/2, S15, T88N, R8W, Buchanan Co.)					X						
45	\ Harter Cr.	Mouth (S27, T89N, R9W, Buchanan Co.) to confluence with an unnamed tributary (W1/2, S23, T89N, R9W, Buchanan Co.)					X						
46	\ Otter Cr.	Mouth (S19, T89N, R9W, Buchanan Co.) to Dam at Lake Oelwein		X		X							
47	\ Otter Cr.	Lake Oelwein to N. line of S33, T91N, R9W, Fayette Co.	X			X							
48	\ Otter Cr.	N. line of S33, T91N, R9W, Fayette Co. to confluence with an unnamed tributary (S29, T91N, R9W, Fayette Co.)		X		X							
49	\ Otter Cr.	Confluence with an unnamed tributary (S29, T91N, R9W, Fayette Co.) to confluence with an unnamed tributary (S18, T91N, R9W, Fayette Co.)					X						
50	\ \ Hunter Cr.	Mouth (S6, T89N, R9W, Buchanan Co.) to confluence with an unnamed tributary (Center, S20, T90N, R9W, Buchanan Co.)					X						
51	\ \ E. Br. Otter Cr.	Mouth (S22, T90N, R9W, Buchanan Co.) to confluence with an unnamed tributary (NE1/4, S14, T90N, R9W, Buchanan Co.)					X						
52	\ \ Hazelton Cr.	Mouth (S9, T90N, R9W, Buchanan Co.) to confluence with an unnamed tributary (S2, T90N, R9W, Buchanan Co.)					X						
53	\ Little Wapsipinicon R.	Mouth (S9, T89N, R10W, Buchanan Co.) to confluence with Buck Cr. (S32, T90N, R10W, Buchanan Co.)		X		X							
54	\ Little Wapsipinicon R.	Confluence with Buck Cr. (S32, T90N, R10W, Buchanan Co.) to confluence with an unnamed tributary (S13, T93N, R11W, Bremer Co.)					X						
55	\ \ Buck Cr.	Mouth (S32, T90N, R10W, Buchanan Co.) to confluence with an unnamed tributary (S9, T92N, R11W, Bremer Co.)					X						
56	\ Crane Cr.	Mouth (S26, T90N, R11W, Black Hawk Co.) to confluence with an unnamed tributary (S17, T92N, R12W, Bremer Co.)					X						
57	\ E. Fk. Wapsipinicon R.	Mouth (S34, T93N, R12W, Bremer Co.) to upper extent of Sweet Marsh (S26, T93N, R12W, Bremer Co.)						X					
58	\ E. Fk. Wapsipinicon R.	Upper extent of Sweet Marsh (S26, T93N, R12W, Bremer Co.) to confluence with an unnamed tributary (S36, T96N, R13W, Chickasaw Co.)					X						

Northeastern Iowa River Basins - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
59	\ \ Plum Cr.	Mouth (S15, T95N, R12W, Chickasaw Co.) to confluence with an unnamed tributary (S3, T95N, R12W, Chickasaw Co.)					X						
61	\ \ Spring Br.	Mouth (S34, T95N, R13W, Chickasaw Co.) to N. line of S35, T95N, R13W, Chickasaw Co.)					X						
62	\ \ Elk Cr.	Mouth (S1, T96N, R14W, Chickasaw Co.) to confluence with an unnamed tributary (SW1/4, S20, T97N, R13W, Chickasaw Co.)					X						
63	\ \ Watsons Cr.	Mouth (S25, T99N, R15W, Mitchell Co.) to confluence with an unnamed tributary (S30, T99N, R14W, Howard Co.)					X						
64	<u>ROCK CR. AND ITS TRIBUTARIES</u> Rock Cr.	Mouth (S31, T81N, R6E, Clinton Co.) to confluence with an unnamed tributary (S23, T81N, R5E, Clinton Co.)					X						
65	<u>MILL CR. AND ITS TRIBUTARIES</u> Mill Cr.	Mouth (S23, T81N, R6E, Clinton Co.) to confluence with an unnamed tributary (S26, T82N, R6E, Clinton Co.)					X						
66	\ \ Harts Mill Cr.	Mouth (S15, T81N, R6E, Clinton Co.) to confluence with Little Mill Cr. (S8, T81N, R6E, Clinton Co.)					X						
67	<u>UNNAMED CR. (A.K.A. DEER CR.) AND ITS TRIBUTARIES</u> Unnamed Cr. (a.k.a. Deer Cr.)	Mouth (S17, T82N, R7E, Clinton Co.) to confluence with an unnamed tributary (SW1/4, S18, T82N, R7E, Clinton Co.)					X						
68	<u>ELK R. AND ITS TRIBUTARIES</u> Elk R.	Mouth (S20, T83N, R7E, Clinton Co.) to confluence with N. Br. Elk R. (S10, T83N, R6E, Clinton Co.)		X		X							
69	Elk R.	Confluence with N. Br. Elk R. (S10, T83N, R6E, Clinton Co.) to confluence with an unnamed tributary (S32, T84N, R6E, Jackson Co.)						X					
70	\ Schramling Cr.	Mouth (S7, T83N, R7E, Clinton Co.) to confluence with an unnamed tributary (NW1/4, S6, T83N, R7E, Clinton Co.)						X					
71	<u>BEAVER CR. AND ITS TRIBUTARIES</u> Beaver Cr.	Mouth (S6, T84N, R7E, Jackson Co.) to confluence with an unnamed tributary (S3, T84N, R6E, Jackson Co.)						X					
72	<u>MAQUOKETA R. AND ITS TRIBUTARIES</u> Maquoketa R.	Mouth (S7, T85N, R6E, Jackson Co.) to confluence with Deep Cr. (S18, T84N, R5E, Jackson Co.)	X			X							
73	Maquoketa R.	Confluence with Deep Cr. to confluence with Plum Cr. (S11, T87N, R4W, Delaware Co.)	X			X							X
74	Maquoketa R.	Confluence with Plum Cr. to upper extent of Quaker Mills Impoundment	X			X							
75	Maquoketa R.	Above Quaker Mills Impoundment to Backbone Lake Dam (a.k.a. Forestville Dam) at Backbone Lake		X		X							
76	Maquoketa R.	Backbone Lake Dam to boundary of Backbone State Park	X			X							
77	Maquoketa R.	Mouth of S. Fk. Maquoketa R. (S16, T90N, R6W, Delaware Co.) to Hwy. 3 (N. line of S24, T91N, R7W, Fayette Co.)		X					X			X	
78	Maquoketa R.	Hwy. 3 crossing (N. line, S24, T91N, R7W, Fayette Co.) to confluence with an unnamed tributary (S11, T91N, R7W, Fayette Co.)						X					
79	\ Deep Cr.	Mouth (Jackson Co.) to confluence with Bear Cr. (S8, T83N, R5E, Clinton Co.)		X		X							
80	\ Deep Cr.	Confluence with Bear Cr. (S8, T83N, R5E, Clinton Co.) to confluence with Williams Cr. (S33, T83N, R4E, Clinton Co.)							X				
81	\ \ Sugar Cr.	Mouth (S30, T84N, R5E, Jackson Co.) to confluence with an unnamed tributary (S5, T83N, R4E, Clinton Co.)						X					
82	\ Brush Cr.	Mouth (Jackson Co.) to N. line of S23, T85N, R3E, Jackson Co.		X		X							
83	\ Brush Cr.	N. line of S23, T85N, R3E, Jackson Co. to N. line of S1, T85N, R3E, Jackson Co.		X					X			X	
84	\ Brush Cr.	N. line of S1, T85N, R3E, Jackson Co. to confluence with an unnamed tributary (second upstream tributary, SE1/4, S26, T86N, R3E, Jackson Co.)						X					
85	\ Hainer Cr.	Mouth (S15, T84N, R3E, Jackson Co.) to confluence with an unnamed tributary (S22, T84N, R3E, Jackson Co.)						X					
86	\ Prairie Cr.	Mouth (S17, T84N, R3E, Jackson Co.) to confluence with an unnamed tributary (S2, T83N, R2E, Jackson Co.)						X					
87	\ N. Fk. Maquoketa R.	Mouth (S13, T84N, R2E, Jackson Co.) to confluence with White Water Cr. (S10, T86N, R1W, Jones Co.)		X		X							X
88	\ N. Fk. Maquoketa R.	Confluence with White Water Cr. (S10, T86N, R1W, Jones Co.) to confluence with Bear Cr. (S31, T89N, R2W, Dubuque Co.)		X		X							

Northeastern Iowa River Basins - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
89	\ N. Fk. Maquoketa R.	Confluence with Bear Cr. (S31, T89N, R2W, Dubuque Co.) to confluence with an unnamed tributary (S18, T90N, R1W, Dubuque Co.)					X						
90	\ \ Unnamed Cr. (a.k.a. Hurstville Br.)	Mouth (S12, T84N, R2E, Jackson Co.) to confluence with an unnamed tributary (S12, T84N, R2E, Jackson Co.)					X						
91	\ \ Cedar Cr.	Mouth (S30, T85N, R3E, Jackson Co.) to E. line of S29, T85N, R3E, Jackson Co.		X					X				X
92	\ \ Farmers Cr.	Mouth (S24, T85N, R2E, Jackson Co.) to confluence with an unnamed tributary (W1/2, NW1/4, S8, T86N, R3E, Jackson Co.)					X						
93	\ \ Lytle Cr.	Mouth (S8, T85N, R2E, Jackson Co.) to confluence with Buncombe Cr. (S19, T87N, R2E, Dubuque Co.)		X		X							
94	\ \ Lytle Cr.	Confluence with Buncombe Cr. (S19, T87N, R2E, Dubuque Co.) to confluence with an unnamed tributary (N1/2, S4, T87N, R2E, Dubuque Co.)					X						
95	\ \ \ Otter Cr.	Mouth (S21, T86N, R2E, Jackson Co.) to confluence with an unnamed tributary (S36, T87N, R2E, Dubuque Co.)					X						
96	\ \ \ Unnamed Cr.	Mouth (S7, T86N, R2E, Jackson Co.) to W. line of S11, T86N, R1E, Jackson Co.		X					X				X
97	\ \ \ Buncombe Cr.	Mouth (S19, T87N, R2E, Dubuque Co.) to confluence with an unnamed tributary (S10/11 line, T87N, R2E, Dubuque Co.)					X						
98	\ \ \ Prairie Cr.	Mouth (S24, T87N, R1E, Dubuque Co.) to confluence with unnamed tributary (SE1/4, S22, T87N, R1E, Dubuque Co.)					X						
99	\ \ Cline Br.	Mouth (S7, T85N, R2E, Jackson Co.) to confluence with an unnamed tributary (S1, T85N, R1E, Jackson Co.)					X						
100	\ \ Ozark Spring Run	Mouth (S5, T85N, R1E, Jackson Co.) to spring source in center of S32, T86N, R1E, Jackson Co.		X					X				X
101	\ \ Whitewater Cr.	Mouth (S10, T86N, R1W, Jones Co.) to confluence with Curran Br. (S12, T87N, R1W, Dubuque Co.)		X		X							
102	\ \ Whitewater Cr.	Confluence with Curran Br. to confluence with an unnamed tributary (S18, T88N, R1E, Dubuque Co.)					X						
103	\ \ \ Johns Cr.	Mouth (S26, T87N, R1W, Dubuque Co.) to confluence with Bakers Cr. (S36, T88N, R2W, Dubuque Co.)					X						
104	\ \ \ Curran Br.	Mouth (S12, T87N, R1W, Dubuque Co.) to confluence with an unnamed tributary (S26/35 line, T88N, R1W, Dubuque Co.)					X						
105	\ \ Durion Cr.	Mouth (S36, T88N, R3W, Delaware Co.) to confluence with an unnamed tributary (S20, T88N, R2W, Dubuque Co.)					X						
106	\ \ Bear Cr.	Mouth (S31, T89N, R2W, Dubuque Co.) to confluence with an unnamed tributary (NW1/4, S2, T89N, R3W, Delaware Co.)					X						
107	\ \ Hewitt Cr.	Mouth (S29/30 line, T89N, R2W, Dubuque Co.) to confluence with Hickory Cr. (S21, T89N, R2W, Dubuque Co.)					X						
108	\ \ \ Hickory Cr.	Mouth (S21, T89N, R2W, Dubuque Co.) to confluence with an unnamed tributary (SE1/4, S14, T89N, R2W, Dubuque Co.)					X						
109	\ Bear Cr. (a.k.a. Big Bear Cr.)	Mouth (S13, T84N, R1E, Jackson Co.) to confluence with Beers Cr. (NE1/4, S22, T84N, R1E, Jackson Co.)		X		X							
110	\ Bear Cr. (a.k.a. Big Bear Cr.)	Confluence with Beers Cr. (NE1/4, S22, T84N, R1E, Jackson Co.) to confluence with an unnamed tributary (W1/2, S28, T84N, R2W, Jones Co.)					X						
111	\ Beers Cr.	Mouth (NE1/4, S22, T84N, R1E, Jackson Co.) to confluence with an unnamed tributary (S9, T84N, R1W, Jones Co.)					X						
112	\ Mineral Cr.	Mouth (S32, T85N, R1E, Jackson Co.) to confluence with an unnamed tributary (S35, T85N, R2W, Jones Co.)					X						
113	\ Unnamed Cr. (a.k.a. Tibbets Cr.)	Mouth (S30, T86N, R2W, Jones Co.) to confluence with an unnamed tributary (S19, T86N, R2W, Jones Co.)					X						
114	\ Kitty Cr.	Mouth (S22, T86N, R3W, Jones Co.) to confluence with an unnamed tributary (center S7, T85N, R3W, Jones Co.)					X						
115	\ W. Kitty Cr.	Mouth (S27, T86N, R3W, Jones Co.) to confluence with an unnamed tributary (S. line, S1, T85N, R3W, Jones Co.)					X						
116	\ \ Unnamed Cr.	Mouth (S. line, S1, T85N, R3W, Jones Co.) to S. line, S11, T85N, R3W, Jones Co.					X						
117	\ Cline Cr.	Mouth (S16, T86N, R3W, Jones Co.) to confluence with an unnamed tributary (SW1/4, S34, T87N, R3W, Delaware Co.)					X						

Northeastern Iowa River Basins - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
118	\ Silver Cr.	Mouth (S8, T86N, R3W, Jones Co.) to confluence with an unnamed tributary (S10, T86N, R4W, Jones Co.)					X						
119	\ Buck Cr.	Mouth (S11, T87N, R4W, Delaware Co.) to confluence with Golden Br. (S11, T87N, R5W, Delaware Co.)					X						
120	\ Plum Cr.	Mouth (Delaware Co.) to confluence with unnamed tributary (E1/2, S24, T89N, R4W, Delaware Co.)		X		X							
121	\ Plum Cr.	Confluence with an unnamed tributary (E1/2, S24, T89N, R4W, Delaware Co.) to confluence with an unnamed tributary (S8, T89N, R4W, Delaware Co.)						X					
122	\ \ Penn Cr.	Mouth (S18, T88N, R3W, Delaware Co.) to confluence with unnamed tributary (S11, T88N, R4W, Delaware Co.)							X				
123	\ Spring Br.	Mouth (S10, T88N, R5W, Delaware Co.) to spring source (S35, T89N, R5W, Delaware Co.)		X					X			X	
124	\ Sand Cr.	Mouth (S9, T88N, R5W, Delaware Co.) to confluence with Todds Cr. (S8, T88N, R5W, Delaware Co.)						X					
125	\ Coffins Cr.	Mouth (S19, T89N, R5W, Delaware Co.) to confluence with Prairie Cr. (S29, T89N, R6W, Delaware Co.)						X					
126	\ \ Prairie Cr.	Mouth (S29, T89N, R6W, Delaware Co.) to confluence with an unnamed tributary (SW1/4, NW1/4, S22, T89N, R7W, Buchanan Co.)						X					
127	\ Honey Cr.	Mouth (S19, T89N, R5W, Delaware Co.) to confluence with Rutherford Br. (S26, T90N, R5W, Delaware Co.)						X					
128	\ \ Lindsey Cr. (a.k.a. Little York Br.)	Mouth (S3, T89N, R5W, Delaware Co.) to confluence with an unnamed tributary (NE1/4, S4, T90N, R5W, Delaware Co.)						X					
129	\ Unnamed Cr. (a.k.a. Lindsey Cr.)	Mouth (NW1/4, SW1/4, S1, T89N, R6W, Delaware Co.) to confluence with an unnamed tributary (S30, T90N, R5W, Delaware Co.)						X					
130	\ Sand Hagen Cr.	Mouth (S34, T90N, R6W, Delaware Co.) to confluence with an unnamed tributary (S29, T90N, R6W, Delaware Co.)						X					
131	\ S. Fk. Maquoketa R.	Mouth (S16, T90N, R6W, Delaware Co.) to confluence with an unnamed tributary (NE1/4, SW1/4, S30, T91N, R7W, Fayette Co.)						X					
132	\ Fenchel Cr.	Mouth (S5, T90N, R6W, Delaware Co.) to Richmond Springs (Center of S4, T90N, R6W, Delaware Co.)		X					X			X	
133	\ Bruce Cr.	Mouth (S19/30 line, T91N, R6W, Clayton Co.) to confluence with an unnamed tributary (S27, T91N, R7W, Fayette Co.)						X					
134	<u>PLEASANT CR. AND ITS TRIBUTARIES</u> Pleasant Cr.	Mouth (S33, T86N, R5E, Jackson Co.) to W. line of S11, T85N, R4E, Jackson Co.						X					
135	Pleasant Cr.	W. line of S11, T85N, R4E, to W. line of S15, T85N, R4E, Jackson Co.		X					X			X	
136	<u>DUCK CR. AND ITS TRIBUTARIES</u> Duck Cr.	Mouth (S29, T86N, R5E, Jackson Co.) to confluence with an unnamed tributary (Center, S25, T86N, R4E, Jackson Co.)						X					
137	<u>MILL CR. (A.K.A. BIG MILL CR.) AND ITS TRIBUTARIES</u> Mill Cr. (a.k.a. Big Mill Cr.)	Mouth (S29, T86N, R5E, Jackson Co.) to confluence with Little Mill Cr. (S13, T86N, R4E, Jackson Co.)		X		X							
138	Mill Cr. (a.k.a. Big Mill Cr.)	Confluence with Little Mill Cr. to confluence with Unnamed Cr. (S1, T86N, R3E, Jackson Co.)		X						X		X	
139	\ Little Mill Cr.	Mouth (Jackson Co.) to W. line of S29, T86N, R4E, Jackson Co.		X					X			X	
140	\ Unnamed Cr. (a.k.a. S. Fk. Big Mill Cr.)	Mouth (S8, T86N, R4E, Jackson Co.) to W. line of S17, T86N, R4E, Jackson Co.		X					X			X	
141	\ Storybook Hollow	Mouth (S7, T86N, R4E, Jackson Co.) to S. line of S12, T86N, R3E, Jackson Co.		X					X			X	
142	Unnamed Cr.	Mouth (S1, T86N, R3E, Jackson Co.) to W. line of S1, T86N, R3E, Jackson Co.		X					X			X	
143	<u>SPRUCE CR. AND ITS TRIBUTARIES</u> Spruce Cr.	Mouth (S36, T87N, R4E, Jackson Co.) to confluence with an unnamed tributary (SE1/4, S33, T87N, R4E, Jackson Co.)						X					
144	<u>TETE DES MORTS CR. AND ITS TRIBUTARIES</u> Tete des Morts Cr. (a.k.a. Tete des Morts R.)	Mouth (Dubuque Co.) to confluence with Lux Creek (S7, T87N, R4E, Jackson Co.)		X		X							
145	Tete des Morts Cr. (a.k.a. Tete des Morts R.)	Jackson Co.) to confluence with an unnamed tributary (SW1/4, NE1/4, S32, T88N, R3E, Dubuque Co.)							X				
146	\ Lux Cr.	Mouth (S7, T87N, R4E, Jackson Co.) to confluence with an unnamed tributary (S35, T88N, R3E, Dubuque Co.)						X					

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#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
147	<u>CATFISH CR. AND ITS TRIBUTARIES</u> Catfish Cr.	Mouth (S5, T88N, R3E, Dubuque Co.) to confluence with S. Fk. Catfish Cr. (Dubuque Co.)		X		X							
148	Catfish Cr.	Confluence with S. Fk. Catfish Cr. (Dubuque Co.) to S. line S9, T88N, R2E, Dubuque Co.					X						
149	Catfish Cr.	S. line of S9, T88N, R2E, Dubuque Co. to W. line of Section 30, T88N, R2E, Dubuque Co.		X					X				X
150	\ Granger Cr.	Mouth (Dubuque Co.) to county rd. bridge crossing (S24, T88N, R2E, Dubuque Co.)					X						
151	\ Middle Fk. Catfish Cr. (a.k.a. N. Fk. Catfish Cr.)	Mouth (S1, T88N, R2E, Dubuque Co.) to W. line of S30, T89N, R2E, Dubuque Co.					X						
152	\ N. Fk. Catfish Cr.	Mouth (S34, T89N, R2E, Dubuque Co.) to Hwy. 20 bridge crossing (S27, T89N, R2E, Dubuque Co.)					X						
153	\ S. Fk. Catfish Cr.	Mouth (S2, T88N, R2E, Dubuque Co.) to confluence with an unnamed tributary (SW1/4, S3, T88N, R1E, Dubuque Co.)					X						
154	<u>LITTLE MAQUOKETA R. AND ITS TRIBUTARIES</u> Little Maquoketa R.	Mouth (Dubuque Co.) to confluence with Hogans Br. (S36, T89N, R1W, Dubuque Co.)		X		X							
155	Little Maquoketa R.	Hogans Br. to N. line of S5, T88N, R1W, Dubuque Co.		X					X				X
156	\ Bloody Run	Mouth (S34, T90N, R2E, Dubuque Co.) to W. line of S21, T90N, R2E, Dubuque Co.		X					X				X
157	\ Cloie Br.	Mouth (S5, T89N, R2E, Dubuque Co.) to W. line of S5, T89N, R2E, Dubuque Co.		X					X				X
158	\ Cloie Br.	W. line S5, T89N, R2E, Dubuque Co. to confluence with an unnamed tributary (S18, T89N, R2E, Dubuque Co.)					X						
159	\ N. Fk. Little Maquoketa R.	Mouth (S31, T90N, R2E, Dubuque Co.) to W. line S24, T90N, R1W, Dubuque Co.					X						
160	\ Middle Fk. Little Maquoketa R.	Mouth (S35, T90N, R1E, Dubuque Co.) to W. line S31, T90N, R1E, Dubuque Co.					X						
161	\ Middle Fk. Little Maquoketa R. (a.k.a. Bankston Cr.)	W. line of S31, T90N, R1E, Dubuque Co. to N. line of S33, T90N, R1W, Dubuque Co.		X					X				X
162	\ \ Unnamed Cr.	Mouth (S2, T89N, R1W, Dubuque Co.) to confluence with unnamed tributary (S11, T89N, R1W, Dubuque Co.)					X						
163	\ \ Unnamed Cr.	Mouth (S34, T90N, R1W, Dubuque Co.) to confluence with unnamed tributary (SE1/4, S5, T89N, R1W, Dubuque Co.)					X						
164	\ Unnamed Cr. (a.k.a. Haberkorn Cr.)	Mouth (S27, T90N, R1E, Dubuque Co.) to confluence with an unnamed tributary (NE1/4, S15, T90N, R1E, Dubuque Co.)					X						
165	\ Unnamed Cr.	Mouth (S29, T89N, R1E, Dubuque Co.) to confluence with unnamed tributary (NE1/4, S24, T89N, R1W, Dubuque Co.)					X						
166	\ Unnamed Cr.	Mouth (NE1/4, S36, T89N, R1W, Dubuque Co.) to W. line of S25, T89N, R1W, Dubuque Co.					X						
167	\ Hogans Br.	Mouth (S35, T89N, R1W, Dubuque Co.) to W. line of S9, T88N, R1W, Dubuque Co.		X						X			X
168	\ Hogans Br.	W. line S9, T88N, R1W, Dubuque Co. to county rd. bridge crossing (W. line of S5, T88N, R1W, Dubuque Co.)					X						
169	<u>PLUM CR. AND ITS TRIBUTARIES</u> Plum Cr.	Mouth (S23, T91N, R1W, Clayton Co.) to confluence with an unnamed tributary (S26, T91N, R1W, Clayton Co.)					X						
170	<u>TURKEY R. AND ITS TRIBUTARIES</u> Turkey R.	Mouth (S12, T91N, R2W, Clayton Co.) to confluence with Volga R. (S26, T92N, R4W, Clayton Co.)		X		X							
171	Turkey R.	Confluence with Volga R. to W. line of S9, T93N, R5W, Clayton Co. (two stream miles downstream from Big Springs Trout Hatchery)	X			X							X
172	Turkey R.	Two stream miles downstream from Big Springs Trout Hatchery to Big Springs Trout Hatchery (S31, T94N, R5W, Clayton Co.)	X	X					X				X
173	Turkey R.	Big Springs Trout Hatchery to bridge crossing in Elgin (S13, T94N, R7W, Fayette Co.)	X			X							X
174	Turkey R.	Bridge crossing in Elgin to Vernon Springs (rd. crossing, S34, T99N, R11W, Howard Co.)		X		X							X
175	Turkey R.	Vernon Springs (rd. crossing, S34, T99N, R11W, Howard Co.) to confluence with N. Br. Turkey R. (S31, T99N, R11W, Howard Co.)		X		X							

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#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
176	Turkey R.	Confluence with N. Br. Turkey R. to confluence with S. Br. Turkey R. (S2, T98N, R12W, Howard Co.)					X						
177	\ Little Turkey R.	Mouth (S10, T91N, R2W, Clayton Co.) to confluence with White Pine Hollow (S31, T91N, R2W, Clayton Co.)		X		X							
178	\ Little Turkey R.	Confluence with White Pine Hollow (S31, T91N, R2W, Clayton Co.) to Clayton-Delaware Co. line						X					
179	\ Little Turkey R.	Clayton-Delaware Co. line to S. line of S11, T90N, R3W, Delaware Co.		X					X			X	
180	\ Little Turkey R.	S. line S11, T90N, R3W, Delaware Co. to confluence with an unnamed tributary (S1/2, S15, T90N, R3W, Delaware Co.)						X					
181	\ \ Unnamed Cr. (a.k.a. Cherry Valley Cr.)	Mouth (S16, T91N, R2W, Clayton Co.) to confluence with an unnamed tributary (a.k.a. Hog Hollow) (S22, T91N, R2W, Clayton Co.)						X					
182	\ \ Point Hollow Cr. (a.k.a. White Pine Cr.)	Mouth (S31, T91N, R2W, Clayton Co.) to spring source (S8, T90N, R2W, Dubuque Co.)		X					X			X	
183	\ \ Bloody Run Cr. (a.k.a. Grimes Hollow)	Mouth (S36, T91N, R3W, Clayton Co.) to spring source (S3, T90N, R3W, Delaware Co.)		X					X			X	
184	\ \ Ram Hollow	Mouth (S11, T90N, R3W, Clayton Co.) to spring source (S10, T90N, R3W, Delaware Co.)		X					X			X	
185	\ Pecks Cr.	Mouth (Clayton Co.) to S. line of S15, T91N, R3W, Clayton Co.		X					X			X	
186	\ Joles Cr.	Mouth (S1, T91N, R3W, Clayton Co.) to confluence with an unnamed tributary (N1/2, SW1/4, S23, T92N, R3W, Clayton Co.)					X						
187	\ Carlan Cr.	Mouth (S2, T91N, R3W, Clayton Co.) to confluence with an unnamed tributary (S10, T91N, R3W, Clayton Co.)					X						
188	\ S. Cedar Cr. (a.k.a. Cedar Cr.)	Mouth (S33, T92N, R3W, Clayton Co.) to (N. line of S7, T92N, R3W, Clayton Co.)					X						
189	\ S. Cedar Cr. (a.k.a. Cedar Cr.)	N. line of S7, T92N, R3W, Clayton Co. to N. Line of (S30, T93N, R3W, Clayton Co.)		X					X			X	
190	\ \ Tuecke Hollow	Mouth (S20, T92N, R3W, Clayton Co.) to confluence with an unnamed tributary (S9, T92N, R3W, Clayton Co.)						X					
191	\ \ W. Br. S. Cedar Cr.	Mouth (S31, T93N, R3W, Clayton Co.) to confluence with an unnamed tributary (S23, T93N, R4W, Clayton Co.)						X					
192	\ Elk Cr.	Mouth to confluence with Steeles Br. (Clayton Co.)		X		X							
193	\ Elk Cr.	Confluence with Steeles Branch (S26, T91N, R4W, Clayton Co.) to confluence with an unnamed tributary (NE1/4, S13, T90N, R4W, Delaware Co.)						X					
194	\ \ Wolf Cr.	Mouth (S2/3 line, T91N, R4W, Clayton Co.) to confluence with an unnamed tributary (S10, T91N, R4W, Clayton Co.)						X					
195	\ \ Steeles Br.	Mouth (S26, T91N, R4W, Clayton Co.) to W. line of S5, T90N, R4W, Delaware Co.		X						X			X
196	\ \ Pine Cr.	Mouth (S26, T91N, R4W, Clayton Co.) to confluence with Brownfield Cr. (S25, T91N, R4W, Clayton Co.)		X						X			X
197	\ \ \ Brownfield Cr.	Mouth (Clayton Co.) to spring source (S31, T91N, R3W, Clayton Co.)		X						X			X
198	\ \ Twin Springs Cr.	Mouth (S2, T90N, R4W, Delaware Co.) to spring source (S12, T90N, R4W, Delaware Co.)		X						X			X
199	\ \ Fountain Spring Cr. (a.k.a. Odell Br.)	Mouth (SE1/4, S10, T90N, R4W, Delaware Co.) to W. line of NW1/4, S16, T90N, R4W, Delaware Co.		X						X			X
200	\ \ \ S. Br. Fountain Spring Cr.	Mouth (SW1/4 of S10, T90N, R4W, Delaware Co.) to W. line of SW1/4, S16, T90N, R4W, Delaware Co.		X						X			X
201	\ \ Schechtman Br.	Mouth (Delaware Co.) to S. line of S14, T90N, R4W, Delaware Co.		X						X			X
202	\ \ Schechtman Br.	S. line of S14, T90N, R4W, Delaware Co. to confluence with an unnamed tributary (S23, T90N, R4W, Delaware Co.)						X					
203	\ Volga R.	Mouth (SE1/4, S26, T92N, R4W, Clayton Co.) to bridge crossing in Volga (S3/10, T92N, R6W, Clayton Co.)	X			X							X
204	\ Volga R.	Bridge crossing in Volga to E. Corporate limit, Fayette, (NE1/4, S28, T93N, R8W, Fayette Co.)		X		X							X

Northeastern Iowa River Basins - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
205	\ Volga R.	E. corporate limit, Fayette, (NE1/4, S28, T93N, R8W, Fayette Co.) to confluence with Little Volga R. (S2, T92N, R9W, Fayette Co.)		X		X							
206	\ Volga R.	Fayette Co.) to confluence with unnamed tributary (NW1/4, NE1/4, SE1/4, S24, T93N, R10W, Fayette Co.)					X						
207	\ \ Bear Cr.	Mouth (S34, T92N, R4W, Clayton Co.) to S. line of S18, T91N, R4W, Clayton Co.					X						
208	\ \ Bear Cr.	S. line of S18, T91N, R4W, Clayton Co. to W. line of S23, T91N, R5W, Clayton Co.		X					X			X	
209	\ \ \ Rabbit Cr.	Mouth (S17, T91N, R4W, Clayton Co.) to confluence with an unnamed tributary (NE1/4, S31, T91N, R4W, Clayton Co.)					X						
210	\ \ \ Doe Cr.	Mouth (S30, T92N, R4W, Clayton Co.) to confluence with an unnamed tributary (S1, T91N, R5W, Clayton Co.)					X						
211	\ \ \ Honey Cr.	Mouth (S25, T92N, R5W, Clayton Co.) to confluence with an unnamed tributary (second upstream tributary, S5, T91N, R5W, Clayton Co.)					X						
212	\ \ \ Mossey Glen Cr.	Mouth (S3, T91N, R5W, Clayton Co.) to S. line of S10, T91N, R5W, Clayton Co.		X					X			X	
213	\ \ \ Cox Cr. (a.k.a. Alderson Hollow)	Mouth (S21, T92N, R5W, Clayton Co.) to confluence with Kleinlein Cr. (S36, T92N, R6W, Clayton Co.)					X						
214	\ \ \ Cox Cr. (a.k.a. Alderson Hollow)	Kleinlein Cr. to S. line of S12, T91N, R6W, Clayton Co.		X					X			X	
215	\ \ \ \ Kleinlein Cr. (a.k.a. Spring Cr.)	Mouth (Clayton Co.) to spring source (South Spring) (S10, T91N, R6W, Clayton Co.)		X					X			X	
216	\ \ \ \ \ Baron Spring	Mouth (S2, T91N, R6W, Clayton Co.) to spring source (S4, T91N, R6W, Clayton Co.)		X				X				X	
217	\ \ \ Hewett Cr.	Mouth (Clayton Co.) to S. line of S29, T92N, R6W, Clayton Co.		X				X				X	
218	\ \ \ Unnamed Cr.	Mouth (S28, T92N, R6W, Clayton Co.) to spring in S34, T92N, R6W, Clayton Co.					X						
219	\ \ \ \ Ensign Cr. (a.k.a. Ensign Hollow)	Mouth (S28, T92N, R6W, Clayton Co.) to spring source (S29, T92N, R6W, Clayton Co.)		X					X			X	
220	\ \ \ Nagel Cr.	Mouth (S10, T92N, R6W, Clayton Co.) to confluence with an unnamed tributary (W1/2, S17, T92N, R6W, Clayton Co.)					X						
221	\ \ \ Unnamed Cr.	Mouth (S33, T93N, R6W, Clayton Co.) to confluence with an unnamed tributary (S29, T93N, R6W, Clayton Co.)					X						
222	\ \ Willow Cr.	Mouth (S32, T93N, R6W, Clayton Co.) to spring source (S13, T92N, R7W, Fayette Co.)					X						
223	\ \ Deep Cr.	Mouth (S32, T93N, R6W, Clayton Co.) to confluence with an unnamed tributary (S2, T92N, R7W, Fayette Co.)					X						
224	\ \ Mink Cr.	Mouth (S30, T93N, R6W, Clayton Co.) to W. line of S15, T93N, R7W, Fayette Co.		X					X			X	
225	\ \ Mink Cr.	W. line of S15, T93N, R7W, Fayette Co. to confluence with an unnamed tributary (NE1/4, S8, T93N, R7W, Fayette Co.)					X						
226	\ \ \ Unnamed Cr.	Mouth (S19, T93N, R6W, Clayton Co.) to confluence with an unnamed tributary (SW1/4, NE1/4, S19, T93N, R6W, Clayton Co.)					X						
227	\ \ Brush Cr.	Mouth (S26, T93N, R7W, Fayette Co.) to confluence with Bear Cr. (S8, T92N, R7W, Fayette Co.)					X						
228	\ \ Brush Cr.	Confluence with Bear Cr. (S8, T92N, R7W, Fayette Co.) to E. line of S17, T92N, R7W, Fayette Co.		X					X			X	
229	\ \ Brush Cr.	E. line of S17, T92N, R7W, Fayette Co. to confluence with an unnamed tributary (S28, T92N, R7W, Fayette Co.)					X						
230	\ \ \ Bear Cr.	Mouth (S8, T92N, R7W, Fayette Co.) to W. line of S6, T92N, R7W, Fayette Co.		X						X		X	
231	\ \ \ Bear Cr.	W. line S6, T92N, R7W, Fayette Co. to confluence with an unnamed tributary (S1/2, S13, T92N, R8W, Fayette Co.)					X						
232	\ \ Grannis Cr.	Mouth (S30, T95N, R7W, Fayette Co.) to W. line of S36, T93N, R8W, Fayette Co.		X					X			X	
233	\ \ Unnamed Cr.	Mouth (S19, T93N, R7W, Fayette Co.) to spring source (S24, T93N, R8W, Fayette Co.)					X						

Northeastern Iowa River Basins - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
234	\ Unnamed Cr.	Mouth (S18, T93N, R7W, Fayette Co.) to confluence with an unnamed tributary (N1/2, S18, T93N, R7W, Fayette Co.)					X						
235	\ Unnamed Cr. (a.k.a. Volga Lake Outlet Cr.)	Mouth (S14, T93N, R8W, Fayette Co.) to Volga Lake Dam (S3, T93N, R8W, Fayette Co.)					X						
236	\ \ Unnamed Cr.	Mouth (SE1/4, S10, T93N, R8W, Fayette Co.) to E/W road crossing (S10, T93N, R8W, Fayette Co.)					X						
237	\ \ Coulee Cr.	Mouth (S31, T93N, R8W, Fayette Co.) to confluence with an unnamed tributary (S12, T93N, R9W, Fayette Co.)					X						
238	\ \ Little Volga R.	Mouth (S2, T92N, R9W, Fayette Co.) to Hwy.150 bridge crossing (S14/23 line, T92N, R9W, Fayette Co.)		X		X							
239	\ \ Little Volga R.	Hwy. 150 bridge (S14/23 line, T92N, R9W, Fayette Co.) to confluence with an unnamed tributary (NE1/4, S36, T92N, R9W, Fayette Co.)					X						
240	\ N. Br. Volga R.	Mouth (S33, T93N, R9W, Fayette Co.) to confluence with an unnamed tributary (S8, T93N, R9W, Fayette Co.)					X						
241	\ Roberts Cr.	Mouth (SE1/4, S25, T93N, R5W, Clayton Co.) to confluence with an unnamed tributary (S8, T95N, R6W, Clayton Co.)					X						
242	\ \ Dry Mill Cr.	Mouth (S25, T94N, R5W, Clayton Co.) to W. line of Section 9, T93N, R4W, Clayton Co.		X					X				X
243	\ \ Dry Mill Cr.	W. line of S9, T93N, R4W, Clayton Co. to confluence with an unnamed tributary (SE1/4, S5, T93N, R4W, Clayton Co.)					X						
244	\ \ Silver Cr.	Mouth (S16, T94N, R5W, Clayton Co.) to confluence with an unnamed tributary (S32, T95N, R5W, Clayton Co.)					X						
245	\ Unnamed Cr.	Mouth (SW1/4, NW1/4, S26, T93N, R5W, Clayton Co.) to confluence with an unnamed tributary (S28, T93N, R5W, Clayton Co.)					X						
246	\ Unnamed Cr.	Mouth (S31, T94N, R5W, Clayton Co.) to confluence with an unnamed tributary (NE1/4, S30, T94N, R5W, Clayton Co.)					X						
247	\ Unnamed Cr.	Mouth (S27, T94N, R6W, Clayton Co.) to confluence with an unnamed tributary (S1/2, SW1/4, S31, T94N, R6W, Clayton Co.)					X						
248	\ Beaver Cr.	Mouth (S19, T94N, R6W, Clayton Co.) to dam in S34, T94N, R7W, Fayette Co.					X						
249	\ Otter Cr.	Mouth (Fayette Co.) to confluence with Unnamed Cr. (a.k.a. Grovers Cr., S22, T94N, R8W, Fayette Co.)		X					X				X
250	\ Otter Cr.	Grovers Cr., S22, T94N, R8W, Fayette Co.) to confluence with an unnamed tributary (NW1/4, S17, T94N, R8W, Fayette Co.)					X						
251	\ \ Unnamed Cr. (a.k.a. Grovers Cr.)	Mouth (S22, T94N, R8W, Fayette Co.) to W. line of S15, T94N, R8W, Fayette Co.		X					X				X
252	\ Bell Cr.	Mouth (S10, T94N, R7W, Fayette Co.) to W. line of S8, T94N, R7W, Fayette Co.		X					X				X
253	\ Dibble Cr.	Mouth (S34, T95N, R7W, Fayette Co.) to confluence with an unnamed tributary (S27, T95N, R7W, Fayette Co.)					X						
254	\ Fitzgerald Cr.	Mouth (S28, T95N, R7W, Fayette Co.) to confluence with an unnamed tributary (S9, T95N, R7W, Fayette Co.)					X						
255	\ Nutting Cr.	Mouth (S19, T95N, R7W, Fayette Co.) to confluence with an unnamed tributary (S2, T95N, R8W, Fayette Co.)					X						
256	\ Dry Br.	Mouth (S15, T95N, R8W, Fayette Co.) to confluence with an unnamed tributary (N1/2, S4, T95N, R8W, Fayette Co.)					X						
257	\ Little Turkey R.	Mouth (S18, T95N, R8W, Fayette Co.) to confluence with an unnamed tributary (SE1/4, S14, T96N, R11W, Chickasaw Co.)		X		X							
258	\ Little Turkey R.	Confluence with an unnamed tributary (SE1/4, S14, T96N, R11W, Chickasaw Co.) to confluence with an unnamed tributary (S12, T97N, R12W, Howard Co.)							X				
259	\ \ Crane Cr.	Mouth (S31, T95N, R9W, Fayette Co.) to confluence with Spring Cr. (S17, T97N, R12W, Howard Co.)		X		X							
260	\ \ Crane Cr.	Confluence with Spring Cr. (S17, T97N, R12W, Howard Co.) to confluence with an unnamed tributary (S7, T99N, R13W, Howard Co.)					X						
261	\ Bass Cr.	Mouth (S3, T95N, R9W, Fayette Co.) to W. line of S3, T95N, R9W, Fayette Co.		X						X			X
262	\ Bass Cr.	W. line S3, T95N, R9W, Fayette Co. to confluence with an unnamed tributary (NE1/4, S4, T95N, R9W, Fayette Co.)							X				

Northeastern Iowa River Basins - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
263	\ Rogers Cr.	Mouth (S8, T96N, R9W, Winneshiek Co.) to confluence with Goddard Cr. and Krumm Cr. (S18, T96N, R9W, Winneshiek Co.)					X						
264	\ Wonder Cr.	Mouth (S19, T97N, R9W, Winneshiek Co.) to confluence with an unnamed tributary (S24, T97N, R10W, Winneshiek Co.)					X						
265	\ Bohemian Cr.	Mouth (Winneshiek Co.) to Howard Co. Rd. V58 (W. line of S2, T97N, R11W, Howard Co.)		X					X			X	
266	\ Chalk Cr.	Mouth (S1, T98N, R11W, Howard Co.) to N. line of Section 36, T99N, R11W, Howard Co.		X					X				X
267	\ N. Br. Turkey R.	confluence with an unnamed tributary (mouth on left descending bank, SE1/4, S14, T99N, R12W, Howard Co.)						X					
268	\ \ W. Br. Turkey R.	Mouth (S25, T99N, R12W, Howard Co.) to confluence with an unnamed tributary (E1/2, NW1/4, S26, T99N, R12W, Howard Co.)						X					
269	\ \ Unnamed Cr.	Mouth (left descending bank, SE1/4, S14, T99N, R12W, Howard Co.) to confluence with an unnamed tributary (SW1/4, S12, T99N, R12W, Howard Co.)					X						
270	<u>MINERS CR. AND ITS TRIBUTARIES</u> Miners Cr.	Mouth (S20, T92N, R2W, Clayton Co.) to Hwy. 52 bridge (SE1/4, S20, T92N, R2W, Clayton Co.)					X						
271	Miners Cr.	Hwy. 52 (SE1/4, S20, T92N, R2W, Clayton Co.) to W. line of S1, T92N, R3W, Clayton Co.		X					X				X
272	<u>BUCK CR. AND ITS TRIBUTARIES</u> Buck Cr.	Mouth (S29, T93N, R2W, Clayton Co.) to W. line of S9, T93N, R3W, Clayton Co.		X					X				X
273	Buck Cr.	W. line of S9, T93N, R3W, Clayton Co. to confluence with an unnamed tributary (S32, T94N, R3W, Clayton Co.)					X						
274	<u>SNY MAGILL CR. (A.K.A. MAGILL CR.) AND ITS TRIBUTARIES</u> Sny Magill Cr. (a.k.a. Magill Cr.)	Mouth (S23, T94N, R3W, Clayton Co.) to W. line of S6, T94N, R3W, Clayton Co.)		X					X				X
275	\ N. Cedar Cr.	Mouth (S8, T94N, R3W, Clayton Co.) to W. line of S24, T94N, R4W, Clayton Co.		X					X				X
276	\ Unnamed Cr. (a.k.a. W. Fk. Sny Magill Cr.)	Mouth (S7, T94N, R3W, Clayton Co.) to W. line of S7, T94N, R3W, Clayton Co.		X					X				X
277	<u>BLOODY RUN AND ITS TRIBUTARIES</u> Bloody Run	Mouth (Clayton Co.) to W. line of Section 22, T95N, R4W, Clayton Co.)		X					X				X
278	<u>YELLOW R. AND ITS TRIBUTARIES</u> Yellow R.	Mouth (Allamakee Co.) to County Rd X-26 (S24, T96N, R5W, Allamakee Co.)	X			X							X
279	Yellow R.	County Rd X-26 (Allamakee Co.) to old Hwy. 51 (NE1/4, S11, T96N, R6W, Allamakee Co.)		X		X							X
280	Yellow R.	Old Hwy. 51 to confluence with N. Fk. Yellow R. (S13, T96N, R7W, Winneshiek Co.)		X					X				X
281	Yellow R.	Confluence with N. Fk. Yellow R. to confluence with an unnamed tributary (SE1/4, S8, T96N, R7W, Winneshiek Co.)						X					
282	\ Dousman Cr.	Mouth (S33, T96N, R3W, Allamakee Co.) to Allamakee-Clayton Co. line		X						X			X
283	\ Suttle Cr.	Mouth (S17, T96N, R4W, Allamakee Co.) to Allamakee-Clayton Co. line		X						X			X
284	\ Unnamed Cr. (a.k.a. Bear Cr.)	Mouth (S13, T96N, R5W, Allamakee Co.) to N. line of S12, T96N, R5W, Allamakee Co.		X					X				X
285	\ Hickory Cr.	Mouth (Allamakee Co.) to S. line of S28, T96N, R5W, Allamakee Co.		X					X				X
286	\ Hickory Cr.	S. line of S28, T96N, R5W, Allamakee Co. to confluence with an unnamed tributary (S5, T95N, R5W, Clayton Co.)						X					
287	\ Williams Cr.	Mouth (S9, T96N, R5W, Allamakee Co.) to confluence with an unnamed tributary (S17, T96N, R5W, Allamakee Co.)						X					
288	\ Norfolk Cr.	Mouth (S6, T96N, R5W, Allamakee Co.) to confluence with Teeple Cr. (S24, T97N, R6W, Allamakee Co.)		X						X			X
289	\ \ Teeple Cr.	Mouth (S24, T97N, R6W, Allamakee Co.) to spring source in S11, T97N, R6W, Allamakee Co.)		X						X			X
290	\ Unnamed Cr.	Mouth (S2, T96N, R6W, Allamakee Co.) to confluence with an unnamed tributary (S33, T97N, R6W, Allamakee Co.)					X						
291	\ N. Fk. Yellow R.	Mouth (S13, T96N, R7W, Winneshiek Co.) to confluence with an unnamed tributary (S3, T96N, R7W, Winneshiek Co.)					X						

Northeastern Iowa River Basins - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
292	<u>PAINT CR. AND ITS TRIBUTARIES</u> Paint Cr.	Mouth (Allamakee Co.) to confluence with Little Paint Cr. (S32, T97N, R3W, Allamakee Co.)		X		X							
293	Paint Cr.	Little Paint Cr. to Rd. crossing, S18, T97N, R4W, Allamakee Co.		X					X			X	
294	Paint Cr.	Rd. crossing (S18, T97N, R4W, Allamakee Co.) to confluence with an unnamed tributary (S15, T97N, R5W, Allamakee Co.)						X					
295	\ Little Paint Cr.	Mouth to N. line of Section 30, T97N, R3W, Allamakee Co.		X					X			X	
296	<u>COTA CR. AND ITS TRIBUTARIES</u> Cota Cr.	Mouth (S26, T97N, R3W, Allamakee Co.) to W. line of S10, T97N, R3W, Allamakee Co.		X					X			X	
297	<u>WEXFORD CR. AND ITS TRIBUTARIES</u> Wexford Cr.	Mouth (S5, T97N, R2W, Allamakee Co.) to W. line of S25, T98N, R3W, Allamakee Co.		X					X			X	
298	<u>VILLAGE CR. AND ITS TRIBUTARIES</u> Village Cr.	Mouth (Allamakee Co.) to W. line of S19, T98N, R4W, Allamakee Co.		X					X			X	
299	\ Trout Run	Mouth (S16, T98N, R4W, Allamakee Co.) through one mile reach		X					X			X	
300	\\\ Unnamed Cr. (a.k.a. Erickson Spring Br.)	Mouth (S23, T98N, R4W, Allamakee Co.) to W. line of S23, T98N, R4W, Allamakee Co.		X					X			X	
301	<u>CLEAR CR. AND ITS TRIBUTARIES</u> Clear Cr.	Mouth (Allamakee Co.) to W. line of Section 25, T99N, R4W, Allamakee Co.		X					X			X	
302	<u>UPPER IOWA R. AND ITS TRIBUTARIES</u> Upper Iowa R.	Mouth (Allamakee Co.) to Lane's Bridge at river mile 6 (NW1/4, S31, T100N, R4W, Allamakee Co.)	X			X							
303	Upper Iowa R.	Lane's Bridge to Winneshiek - Howard Co. line	X			X							X
304	Upper Iowa R.	Winneshiek-Howard Co. line to river mile 86 (NE1/4, S12, T100N, R13W, Howard Co.)		X		X							X
305	Upper Iowa R.	River mile 86 (NE1/4, S12, T100N, R13W, Howard Co.) to state line (S11, T100N, R14W, Howard Co.)		X		X							
306	\ Winnebago Cr.	Mouth (S11, T100N, R4W, Allamakee Co.) to state line (S11, T100N, R4W, Allamakee Co.)						X					
307	\ Irish Hollow Cr.	Mouth (S21, T100N, R4W, Allamakee Co.) to N. line of S17, T100N, R4W, Allamakee Co.		X						X			X
308	\ French Cr.	Mouth (Allamakee Co.) to E. line of Section 23, T99N, R5W, Allamakee Co.		X						X			X
309	\ Clear Cr.	Mouth (S35, T100N, R5W, Allamakee Co.) to N. line of S15, T100N, R5W, Allamakee Co.		X					X				X
310	\ Silver Cr.	Mouth (S4, T99N, R5W, Allamakee Co.) to S. line of S31, T99N, R5W, Allamakee Co.		X					X				X
311	\ Bear Cr.	Mouth (Allamakee Co.) to confluence with N. Bear Cr. (S25, T100N, R7W, Winneshiek Co.)		X		X							
312	\ Bear Cr. (a.k.a. South Bear Cr.)	Confluence with N. Bear Cr. (S25, T100N, R7W, Winneshiek Co.) to spring source (Mestad Spring) (S29, T100N, R7W, Winneshiek Co.)		X						X			X
313	\\\ Waterloo Cr.	Mouth (S35, T100N, R6W, Allamakee Co.) to Iowa-Minnesota state line		X					X				X
314	\\\ N. Bear Cr.	Mouth (S25, T100N, R7W, Winneshiek Co.) to Iowa-Minnesota state line		X						X			X
315	\\\ Middle Bear Cr.	Mouth (S14, T100N, R7W, Winneshiek Co.) to N. line of S16, T100N, R7W, Winneshiek Co.		X					X				X
316	\ Paint Cr. (a.k.a. Pine Cr.)	Mouth (S9, T99N, R6W, Allamakee Co.) to confluence with Unnamed Cr. (SE1/4, S11, T99N, R7W, Winneshiek Co.)		X					X				X
317	\\\ Unnamed Cr.	Mouth (SE1/4, S11, T99N, R7W, Winneshiek Co.) to N. line of S12, T99N, R7W, Winneshiek Co.		X					X				X
318	\ Patterson Cr.	Mouth (Allamakee Co.) to E. line of S3, T98N, R6W, Allamakee Co.		X						X			X
319	\ Canoe Cr.	Mouth (S25, T99N, R7W, Winneshiek Co.) to Winneshiek Co. Rd. W38 (S23, T99N, R8W, Winneshiek Co.)		X		X							
320	\ Canoe Cr. (a.k.a. W. Canoe Cr.)	Winneshiek Co. Rd. W38 to W. line of Section 8, T99N, R8W, Winneshiek Co.		X						X			X

Northeastern Iowa River Basins - Designations

#	Name	Description	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
321	\ Canoe Cr.	W. line S8, T99N, R8W, Winneshiek Co. to confluence with an unnamed tributary (E1/2, S31, T100N, R8W, Winneshiek Co.)					X						
322	\ \ Pine Cr.	Mouth (S26, T99N, R7W, Winneshiek Co.) to N. line of S21, T99N, R7W, Winneshiek Co.		X					X				X
323	\ \ N. Canoe Cr.	Mouth (S22, T99N, R8W, Winneshiek Co.) to N. line of S2, T99N, R8W, Winneshiek Co.		X					X				X
324	\ Coon Cr.	Mouth (Winneshiek Co.) to rd. crossing in S13, T98N, R7W, Winneshiek Co.		X					X				X
325	\ Trout Cr.	Mouth (S9, T98N, R7W, Winneshiek Co.) to confluence with Smith Cr. (a.k.a. Trout R.) (S21, T98N, R7W, Winneshiek Co.)		X					X				X
326	\ Trout Cr.	T98N, R7W, Winneshiek Co.) to confluence with an unnamed tributary (S1/2, S29, T98N, R7W, Winneshiek Co.)					X						
327	\ \ Smith Cr. (a.k.a. Trout R.)	Mouth (S21, T98N, R7W, Winneshiek Co.) to S. line of S33, T98N, R7W, Winneshiek Co.		X					X				X
328	\ Trout Cr. (a.k.a. Trout Run)	Mouth (S23, T98N, R8W, Winneshiek Co.) to confluence with Unnamed Cr. (a.k.a. Trout Run) (S27, T98N, R8W, Winneshiek Co.)		X					X				X
329	\ Trout Cr.	Confluence with an Unnamed Cr. (a.k.a. Trout Run) (S27, T98N, R8W, Winneshiek Co.) to confluence with an Unnamed Cr. (a.k.a. Trout Cr.) (S33, T98, R8W, Winneshiek Co.)					X						
330	\ \ Unnamed Cr. (a.k.a. Trout Run)	Mouth (S27, T98N, R8W, Winneshiek Co.) to S. line of S27, T98N, R8W, Winneshiek Co.		X					X				X
331	\ Dry Run	Mouth (S17, T98N, R8W, Winneshiek Co.) to W. line of S36, T98N, R9W, Winneshiek Co.		X					X				X
332	\ \ Twin Springs Cr.	Mouth (S17, T98N, R8W, Winneshiek Co.) to springs in Twin Springs Park (S20, T98N, R8W, Winneshiek Co.)		X					X				X
333	\ Ten Mile Cr.	Mouth (Winneshiek Co.) to confluence with Walnut Cr. (S18, T98N, R9W, Winneshiek Co.)		X					X				X
334	\ Unnamed Cr. (a.k.a. Casey Spring Cr.)	Mouth (S25, T99N, R9W, Winneshiek Co.) to W. line of S26, T99N, R9W, Winneshiek Co.		X					X				X
335	\ Silver Cr.	Mouth (S10, T99N, R9W, Winneshiek Co.) to N. line of S26, T100N, R9W, Winneshiek Co.		X					X				X
336	\ Silver Cr.	N. line of S26, T100N, R9W, Winneshiek Co. to Hwy. 52 bridge crossing (Winneshiek Co.)					X						
337	\ Pine Cr.	Mouth (S10, T99N, R9W, Winneshiek Co.) to Iowa-Minnesota state line		X					X				X
338	\ \ E. Pine Cr.	Mouth (S28, T100N, R9W, Winneshiek Co.) to Iowa-Minnesota state line		X					X				X
339	\ Unnamed Cr. (a.k.a. Cold Water Cr.)	Mouth (S32, T100N, R9W, Winneshiek Co.) to N. line of Section 31, T100N, R9W, Winneshiek Co.)		X					X				X
340	\ Martha Cr.	Mouth (S6, T99N, R9W, Winneshiek Co.) to W. line of S13, T99N, R10W, Winneshiek Co.		X					X				X
341	\ Silver Cr.	Mouth (S2, T99N, R10W, Winneshiek Co.) to W. line of S12, T99N, R11W, Howard Co.					X						
342	\ \ Minor Cr.	Mouth (Winneshiek Co.) to confluence with an unnamed tributary (E1/2, S1, T99N, R11W, Howard Co.)					X						
343	\ Nichols Cr. (a.k.a. Bigalk Cr.)	Mouth (S18, T100N, R10W, Winneshiek Co.) to W. line of S23, T100N, R11W, Howard Co.		X					X				X
344	\ Unnamed Cr.	confluence with an unnamed tributary (NW1/4, SW1/4, S28, T100N, R12W, Howard Co. (near Lime Springs)					X						
345	\ Beaver Cr.	Mouth (S19, T100N, R12W, Howard Co.) to S. line of S29, T100N, R13W, Howard Co.		X					X				X
346	\ Beaver Cr.	S. line of S29, T100N, R13W, Howard Co. to confluence with an unnamed tributary (NE1/4, S32, T100N, R13W, Howard Co.)					X						
347	\ Staff Cr.	Mouth (Howard Co.) to W. line of S27, T100N, R14W, Howard Co.		X					X				X

Lakes and Wetlands - Index

Waterbody Name	Number	County
4th Pumping Plant (a.k.a. Slough Lake)	170	Des Moines
Afton City Reservoir	580	Union
Ahart/ Rudd N.R.A. Pond	147	Crawford
Airport Lake	115	Chickasaw
Albia City Reservoir	436	Monroe
Alice Wyth Lake	27	Black Hawk
Allen Green State Refuge Marsh	171	Des Moines
Almer Noyd W.A. Pit	526	Sac
Alton Roadside Park Pond	549	Sioux
Amana Lily Pond	286	Iowa
Ambrosson Pits R.A.	627	Winnebago
Anderson Conservation Area Pond	441	Montgomery
Anderson W.A. Ponds	442	Montgomery
Annett Nature Center Pond	600	Warren
Aplington Pits	73	Butler
Arbor Lake	512	Poweshiek
Armstrong Park Pond	619	Webster
Arrowhead County Park Pond	507	Pottawattamie
Arrowhead Lake	527	Sac
Arrowhead Lake	595	Wapello
Artesian Lake County Park	84	Carroll
Ashton Park Pond	455	Osceola
Ashton Pits S.P.H.A.	456	Osceola
Avenue of the Saints Pond	52	Bremer
Backbone Lake State Park	165	Delaware
Bacon Creek Lake	642	Woodbury
Badger Creek S.R.A. Lake	382	Madison
Badger Lake	620	Webster
Badger Lake S.W.M.A.	420	Monona
Banner Pits	601	Warren
Barringer Slough S.G.M.A.	128	Clay
Bartlett Lake S.W.M.A.	228	Fremont
Bauer Park	393	Marion
Bays Branch Wetland S.W.A.	243	Guthrie
Beaver Lake	152	Dallas
Bedford Impoundment	573	Taylor
Beeds Lake State Park	221	Franklin
Belvadeer Lake	333	Keokuk
Bennet Park Lake	93	Cedar
Big Bend Wetlands	287	Iowa
Big Creek Lake State Park	486	Polk
Big Hollow Creek R.A. Ponds	172	Des Moines
Big Keller Lake	290	Jackson

Lakes and Wetlands - Index

Waterbody Name	Number	County
Big Lake (including Gilbert's Pond)	508	Pottawattamie
Big Marsh S.W.M.A.	74	Butler
Big Pond	138	Clayton
Big Spirit Lake S.G.M.A.	179	Dickinson
Big Wall Lake S.P.H.A.	656	Wright
Big Woods Lake	28	Black Hawk
Binder Lake	6	Adams
Birdland Park Pond	487	Polk
Black Hawk Lake S.R.A.	528	Sac
Black Hawk Park Ponds	29	Black Hawk
Black Hawk Pits	529	Sac
Black Pit	95	Cerro Gordo
Blackbird Bend W.A.	421	Monona
Blair Meadows Preserve Pond	96	Cerro Gordo
Blencoe Lake W.A.	422	Monona
Bloomfield City Park Pond	153	Davis
Blue Grass Lake	534	Scott
Blue Heron Lake (in Racoon River Park)	488	Polk
Blue Lake	423	Monona
Blue Pit	97	Cerro Gordo
Bob Hay Memorial Conservation Area Ponds	621	Webster
Bob White Lake State Park	614	Wayne
Bonnie Lake	291	Jackson
Briggs Woods Lake County Park	247	Hamilton
Browns Lake State Park	643	Woodbury
Brown's Slough Wetland	369	Lucas
Bruggeman R.A. Park Pond	129	Clay
Brushy Creek Lake State Park	622	Webster
Buena Vista Public Use Area Ponds	535	Scott
Burr Oak Lake W.A.	205	Emmet
Burt Lake (a.k.a. Swag Lake)	336	Kossuth
Bussey Lake	139	Clayton
Cairo Woods Pond	362	Louisa
Calhoun W.A. Pond	79	Calhoun
California Bend S.W.R. Marsh	261	Harrison
Cambridge Pond	557	Story
Cardinal Marsh S.W.A.	636	Winneshiek
Carmack Park Pond	437	Monroe
Carter Lake	509	Pottawattamie
Cases Lake	489	Polk
Casey Lake (a.k.a. Hickory Hills Park Lake)	567	Tama
Cedar Bluffs N.A. Pond	386	Mahaska
Cedar Bluffs R.A. Ponds	446	Muscatine

Lakes and Wetlands - Index

Waterbody Name	Number	County
Cedar Falls Impoundment	30	Black Hawk
Cedar Lake (a.k.a. Winterset City Reservoir)	383	Madison
Cedar River N.R.A. Pond	31	Black Hawk
Cedar Valley Park Quarries	94	Cedar
Center Lake	180	Dickinson
Central City Ponds (a.k.a. Pinicon Ridge Park Lake)	355	Linn
Central Park Lake	330	Jones
Charles City Impoundment	219	Floyd
Chatfield Lake Park	349	Lee
City Park Pond (Waterloo)	32	Black Hawk
Clark Lake (a.k.a. Mike Zack W.A.)	98	Cerro Gordo
Clear Lake Marsh S.G.M.A.	100	Cerro Gordo
Clear Lake State Park	99	Cerro Gordo
Clemons Creek W. and R.A. Wetland	607	Washington
Cobb Memorial Park Lake	282	Ida
Cody Lake	536	Scott
Coggon Impoundment	356	Linn
Cold Springs Lake State Park	88	Cass
Columbia W.A. Pond	568	Tama
Cone Lake	447	Muscatine
Cone Marsh S.W.M.A.	363	Louisa
Coolegar Slough	364	Louisa
Cooper's Cove Park Pond	479	Pocahontas
Coralville Reservoir	324	Johnson
Corydon Reservoir Park	615	Wayne
Cottonwood Pits S.G.M.A.	438	Monroe
Crawford Creek Impoundment County R.A.	283	Ida
Crawford Pond	608	Washington
Criss Cove County Park Pond	384	Madison
Crow Creek W.A. Lake	537	Scott
Crystal Lake S.G.M.A.	249	Hancock
Dahle Park Ponds	628	Winnebago
Dakin Lake Park	558	Story
Dale Maffitt Reservoir	490	Polk
Dalton Lake	292	Jackson
Dan Greene Slough S.G.M.A.	130	Clay
Daniel Davis Timber Pond	85	Carroll
Dean Lake	491	Polk
Decatur Lake	424	Monona
Deer Creek Lakes S.W.M.A.	473	Plymouth
Deer Creek Wildlife Unit Pond	385	Madison
Deerwood Park Lake	33	Black Hawk
Densmore Lake	293	Jackson

Lakes and Wetlands - Index

Waterbody Name	Number	County
Des Moines Water Works Recharge Basins	492	Polk
DeSoto Bend N.W.R.	262	Harrison
DeSoto Bend Pond	263	Harrison
Diamond Lake County Park	513	Poweshiek
Diamond Lake S.G.M.A.	181	Dickinson
Dickcissell Lake R.A.	48	Boone
Dicken's Pit	131	Clay
Dike Lake	240	Grundy
Dog Creek Park Lake	451	O'Brien
Don Williams County Park Lake	49	Boone
Donald McRae Park Pond	493	Polk
Douma Area Pond	452	O'Brien
Drakesville Ponds	154	Davis
Dudgeon Lake S.W.M.A.	23	Benton
Dunlap Pond	264	Harrison
Eagle Lake S.G.M.A.	250	Hancock
East Lake (a.k.a. Quarry Lake)	34	Black Hawk
East Lake (Lenox)	574	Taylor
East Lake (Osceola) County Park	122	Clarke
East Lake Park	272	Henry
East Okoboji Lake S.G.M.A.	182	Dickinson
East Twin Lake S.G.M.A.	251	Hancock
Easter Lake	494	Polk
Eden Prairie R.A. Pits	530	Sac
Edmundsun Park Pond	387	Mahaska
Eight Mile Pits	252	Hancock
Eldon Pond	596	Wapello
Eldon State Game Area Ponds	155	Davis
Eldred Sherwood Lake R.A.	253	Hancock
Elk Creek Marsh S.G.M.A. Pool B	650	Worth
Elk Horn Creek R.A. Pond	543	Shelby
Elk Lake S.G.M.A.	132	Clay
Elkader Impoundment	140	Clayton
Ellis Lake	370	Lucas
Elm Lake S.W.M.A.	657	Wright
Ewing Park Pond	495	Polk
Fairbank Impoundment	213	Fayette
Fairfield Municipal Reservoir #1	319	Jefferson
Fairfield Municipal Reservoir #2	320	Jefferson
Fairview Area Impoundment	550	Sioux
Fife's Grove Park Pond	516	Ringgold
Fin and Feather Lake	101	Cerro Gordo
Fish Lake	294	Jackson

Lakes and Wetlands - Index

Waterbody Name	Number	County
Fisher Lake	35	Black Hawk
Fishpond Park	658	Wright
Five Island Lake S.G.M.A.	466	Palo Alto
Flat Lake	295	Jackson
Florence Park Pond	629	Winnebago
Floyd Park Pit	551	Sioux
Fogel Lake S.W.A.	517	Ringgold
Folsom Lake W.A.	405	Mills
Fonda Reservoir	480	Pocahontas
Fontana Mill Lake	59	Buchanan
Forneys Lake S.W.M.A.	229	Fremont
Fort Des Moines Park Pond	496	Polk
Foster Woods Park Pond	609	Washington
Founders Pond	10	Allamakee
Four Corners R.A. Pond	86	Carroll
Fox Township W.A. Pond	36	Black Hawk
Frederika Impoundment	53	Bremer
Frenchtown Lake	141	Clayton
Frog Hollow (a.k.a. Volga Lake)	214	Fayette
Gabrielson Park Lake	66	Buena Vista
Gahn Wildlife Refuge Pond	173	Des Moines
Garlock Slough S.G.M.A.	183	Dickinson
Gedney Lake	448	Muscatine
Geode Lake State Park	273	Henry
George Wyth State Park Lake	37	Black Hawk
Georgia Hanford Park Ponds	102	Cerro Gordo
Gilbertson Area Lake	215	Fayette
Glenwood Park Lake	406	Mills
Golden Lake (a.k.a. Jackson Lake)	296	Jackson
Goodale Conservation Area Pond	116	Chickasaw
Goose Lake	143	Clinton
Goose Lake	297	Jackson
Goose Lake S.G.M.A.	337	Kossuth
Goose Pond	357	Linn
Grade Lake	123	Clarke
Grant Nature Land Pond	602	Warren
Grays Lake	497	Polk
Greater Ottumwa Central Park Ponds	597	Wapello
Green Belt Lake	38	Black Hawk
Green Castle Lake R.A.	403	Marshall
Green Island Lake W.A.	298	Jackson
Green Pines W.A. Pond	124	Clarke
Green Valley Lake State Park	581	Union

Lakes and Wetlands - Index

Waterbody Name	Number	County
Greenbay Lake	350	Lee
Greenfield Lake	1	Adair
Greenwood/ Ashworth Park Pond	498	Polk
Griffin Lake Park	334	Keokuk
Griswold Park Pond (a.k.a. Conklin Fish Farm Lake)	89	Cass
Groesbeck W.A. Lake	582	Union
Grover's Marsh	184	Dickinson
Gustafson Lake	67	Buena Vista
Hacklebarney Woods Pond	443	Montgomery
Hadacek R.A. Pond	630	Winnebago
Hagenson Pond	144	Clinton
Hale Slough	185	Dickinson
Hallet Pits	531	Sac
Hallot Pits	559	Story
Hannon Lake	24	Benton
Harmon Lake S.G.M.A.	631	Winnebago
Hartman Reserve Ponds	39	Black Hawk
Hawk Valley Ponds	133	Clay
Hawkeye Park Pond	499	Polk
Hawthorne Lake W.A. (a.k.a. Barnes City Lake)	388	Mahaska
Hendrickson Marsh S.H.A.	560	Story
Heritage Pond	203	Dubuque
Hickory Grove County Park Lake	561	Story
Hickory Hills Park Pond	603	Warren
High Lake S.G.M.A.	206	Emmet
Highway 4 R.A. Pond	80	Calhoun
Hillview R.A. Pond	474	Plymouth
Holiday Lake	514	Poweshiek
Home Lake	159	Decatur
Home Pond	160	Decatur
Hooper S.G.A. Pond	604	Warren
Hope Martin Memorial Park Pond	40	Black Hawk
Horseshoe Pond County Park	299	Jackson
Hottes Lake S.G.M.A.	186	Dickinson
Hull W.A. Ponds	389	Mahaska
Humboldt Impoudment (a.k.a. Lake Nokomis)	281	Humboldt
Humeston Reservoir Park	616	Wayne
Hurlburt W.A. Pond	338	Kossuth
Independence Impoundment	60	Buchanan
Indian Lake Park	589	Van Buren
Ingham Lake S.G.M.A.	207	Emmet
Institutional Pond (a.k.a. Peter Pan Lake)	407	Mills
Interstate Park (Mitchell Impoundment)	415	Mitchell

Lakes and Wetlands - Index

Waterbody Name	Number	County
Interstate Park Lake	222	Franklin
Iowa Lake County Park	288	Iowa
Iowa Lake S.G.M.A.	208	Emmet
Iowa Lake S.G.M.A.	457	Osceola
Iowa Township Park Pond	610	Washington
Iranistan Rock Quarry Pond	90	Cass
Izaak Walton Lake	174	Des Moines
Jacob Krumm Nature Preserve Lakes	315	Jasper
James W.A. Lake	134	Clay
Jana R.A. Pit	532	Sac
Jasper Pool	380	Lyon
Jefferson County Park Ponds	321	Jefferson
Jester Park Pond	500	Polk
Jim Hall Habitat Area Wetland	209	Emmet
Johnny Walnut Seed Conservation Area Pond	117	Chickasaw
Kains Lake S.W.A.	11	Allamakee
Keg Creek Lake	408	Mills
Kent County Park Lake	325	Johnson
Kildeer R.A. Lake	145	Clinton
Klum Lake	365	Louisa
Knoxville Pond (a.k.a. Marion County Park Pond)	394	Marion
Kokesh R.A. Pond	518	Ringgold
Kounty Pond	61	Buchanan
Kuennen's Pits W.A.	651	Worth
Kuhn W.A. Quarry	103	Cerro Gordo
Lacey Keosauqua State Park Lake	590	Van Buren
LaHart Area	439	Monroe
Lake Ahquabi State Park	605	Warren
Lake Anita State Park	91	Cass
Lake Catherine	632	Winnebago
Lake Considine County Park	75	Butler
Lake Cornelia S.G.M.A.	659	Wright
Lake Darling State Park	611	Washington
Lake Delhi (a.k.a. Hartwick Lake)	166	Delaware
Lake Fisher Park	156	Davis
Lake George	409	Mills
Lake Hendricks	275	Howard
Lake Icaria County R.A.	7	Adams
Lake Keomah State Park	390	Mahaska
Lake Laverne	562	Story
Lake LeShane	161	Decatur
Lake Manawa State Park	510	Pottawattamie
Lake McBride State Park	326	Johnson

Lakes and Wetlands - Index

Waterbody Name	Number	County
Lake Meyers County Park	637	Winneshiek
Lake Miami S.G.M.A.	440	Monroe
Lake Miss (Tug Fork West)	591	Van Buren
Lake Odessa	366	Louisa
Lake Oelwein	216	Fayette
Lake of the Hills	538	Scott
Lake of Three Fires State Park	575	Taylor
Lake Ole Park	623	Webster
Lake Pahoja R.A.	381	Lyon
Lake Panorama	244	Guthrie
Lake Park Pond	187	Dickinson
Lake Petoka	501	Polk
Lake Ponderosa	515	Poweshiek
Lake Smith County Park	339	Kossuth
Lake Starker (in Crapo Park)	175	Des Moines
Lake Sugema	592	Van Buren
Lake Wapello State Park	157	Davis
Lambach Lake	539	Scott
Lande River Conservation W.A. Pond	633	Winnebago
Langwood Education Center Pond	367	Louisa
Lansing Lake	12	Allamakee
Larson Lake County Park	113	Cherokee
Lekwa Marsh	104	Cerro Gordo
LeMars Pit	475	Plymouth
Liberty Acres	125	Clarke
Lily Lake	188	Dickinson
Lime Creek Conservation Area Pond	105	Cerro Gordo
Lime Springs Impoundment	276	Howard
Lineville Reservoir	617	Wayne
Lions Club Pond	519	Ringgold
Little Clear Lake R. / W.A.	481	Pocahontas
Little George Park Pond	544	Shelby
Little Keller Lake	300	Jackson
Little River Watershed R.A. Lake	162	Decatur
Little Sawmill Lake	301	Jackson
Little Sioux County Park Lake	644	Woodbury
Little Spirit Lake S.G.M.A.	189	Dickinson
Little Wall Lake County Park	248	Hamilton
Littlefeild Lake	21	Audubon
Littleton Impoundment	62	Buchanan
Lizard Creek S.R.A. Ponds	624	Webster
Lizard Lake County Park	482	Pocahontas
Loch Ayr Reservoir	520	Ringgold

Lakes and Wetlands - Index

Waterbody Name	Number	County
Loess Hills State Forest - Jones Creek Pond	425	Monona
Loess Hills State Forest Ponds	265	Harrison
Lost Island Lake State Park	467	Palo Alto
Louisville Bend Marsh W.A.	426	Monona
Lower Brown Lake	302	Jackson
Lower Centerville Reservoir	16	Appanoose
Lower Dam Impoundment	638	Winneshiek
Lower Decatur Lake	427	Monona
Lower Gar Lake S.G.M.A.	190	Dickinson
Lower Pine Lake	257	Hardin
Lower Y Lake	303	Jackson
Luckenbill Woods Wetlands	176	Des Moines
Lylah's Marsh County Park	277	Howard
Malone Park Pond	146	Clinton
Malvern Pond (a.k.a. Bohner Pond)	410	Mills
Manchester Impoundment	167	Delaware
Manhattan Robbins Lake Park	358	Linn
Mantano Park Pond	545	Shelby
Marathon City Park Pond	68	Buena Vista
Marble Lake S.G.M.A.	191	Dickinson
Marble Rock Impoundment	220	Floyd
Mare Mard Impoundment	217	Fayette
Mariposa Lake County Park	316	Jasper
Markham's Pond	416	Mitchell
Marr Park Pond	612	Washington
Marshall County Lake	404	Marshall
Mason City E. Park Pond	106	Cerro Gordo
May City Pits W.M.A.	458	Osceola
Maynes Grove Lake	223	Franklin
McFarland's Park Lake	563	Story
McGowen Recreation and W.A. Ponds	158	Davis
McHenry Park Lagoon	502	Polk
McHose Park Pond	50	Boone
McIntosh W.A. Marsh	107	Cerro Gordo
McKinley Lake	583	Union
McPaul A Pond	230	Fremont
McPaul B Pond	231	Fremont
Meadow Lake	108	Cerro Gordo
Meadow Lake S.P.H.A.	2	Adair
Meadow W.A. Pond	476	Plymouth
Memorial Park Pond	598	Wapello
Meredith Park Pond	483	Pocahontas
Merrick Pond W.M.A.	278	Howard

Lakes and Wetlands - Index

Waterbody Name	Number	County
Meyer Lake	41	Black Hawk
Middle Decatur Lake	428	Monona
Middle Sabula Lake	304	Jackson
Midway County Park Lake	645	Woodbury
Mile Hill Lake	411	Mills
Mill Creek Lake State Park	453	O'Brien
Mill Pond	652	Worth
Minnewashta Lake S.G.M.A.	192	Dickinson
Minser Pond	511	Pottawattamie
Moore Memorial Park Pond	564	Story
Moorhead Park Pond	284	Ida
Moorland Pond	625	Webster
Mormon Trail County Park Lake	3	Adair
Morris Lake	371	Lucas
Morris Memorial Park Pond	593	Van Buren
Morse Lake S.W.M.A.	660	Wright
Mt. Ayr Old Reservoir	521	Ringgold
Mt. Ayr W.A. Ponds	522	Ringgold
Mud Hen Lake	13	Allamakee
Mud Lake Park	204	Dubuque
Mulroney Recreation W.A. Pond	468	Palo Alto
Muscatine Slough (Kent-Stein Park)	449	Muscatine
Muskat Slough S.G.M.A.	331	Jones
Myre Slough S.G.M.A.	634	Winnebago
Mystic Reservoir	17	Appanoose
Nabotna Pond Park	22	Audubon
Nashua Impoundment (a.k.a. Cedar Lake)	118	Chickasaw
Nassau W.A. Pond	552	Sioux
Negus R.A. Pond	454	O'Brien
Nelson Park Lake (a.k.a. Lake Stern)	148	Crawford
New Albin Big Lake	14	Allamakee
Newcom/ Riggelman N.R.A. Pond	149	Crawford
Nine Eagles State Park Lake	163	Decatur
Nishna Bend R.A. Ponds	546	Shelby
Nodaway Lake County Park (Ken Sidey Nature Area)	4	Adair
Nodaway W.A. Pond	92	Cass
North Colyn Marsh	372	Lucas
North Prairie Lake	42	Black Hawk
North Ridge Park Pond	327	Johnson
North Sabula Lake	305	Jackson
North Twin Lake State Park	81	Calhoun
Northwest Recreational Park Pond	484	Pocahontas
Oakland Mills Impoundment	274	Henry

Lakes and Wetlands - Index

Waterbody Name	Number	County
Ocheyedan Pits R.A.	459	Osceola
Odetta Lake	540	Scott
Oldham Lake R.A.	429	Monona
Olin R.A. Pond	332	Jones
Orient Lake R.A.	5	Adair
Osborne Park Pond	142	Clayton
Otranto Impoundment	417	Mitchell
Otter Creek Lake Park	569	Tama
Otter Creek Marsh S.W.R.	570	Tama
Otter Creek Park Pond	606	Warren
Otter Creek R.A. Pond (a.k.a. Boyden R.A.)	553	Sioux
P. J. Lake W.A.	412	Mills
Pella S.G.M.A. Ponds	395	Marion
Percival Lake S.W.M.A.	232	Fremont
Peters Pit	460	Osceola
Petersons Pit, West	565	Story
Pickerel Lake S.W.M.A.	69	Buena Vista
Pierce Creek Pond R.A.	462	Page
Pilot Grove Park Lake	444	Montgomery
Pilot Knob Lake State Park	254	Hancock
Pine Ridge R.A. Lake	258	Hardin
Pinky's Glen Pond	233	Fremont
Pinoak Lake	306	Jackson
Pioneer County Park Pond	463	Page
Pioneer Ridge Nature Area Ponds	599	Wapello
Piper's Pond (Tug Fork East)	594	Van Buren
Pleasant Creek Lake State Park	359	Linn
Pleasant Lake S.G.M.A.	193	Dickinson
Pleasantville Pond	396	Marion
Plum Creek W.A. Pond	340	Kossuth
Poe Hollow Park Pond	523	Ringgold
Poll Miller Park Lake	351	Lee
Pony Creek Park Lake	413	Mills
Pope Joy Pond County Park	224	Franklin
Pound Pits	238	Greene
Prairie Bridges Park Ponds	259	Hardin
Prairie Lake	194	Dickinson
Prairie Pond W.A.	626	Webster
Prairie Rose Lake State Park	547	Shelby
Q Pond City Park	126	Clarke
Quaker Mills Impoundment	168	Delaware
Quasqueton Impoundment	63	Buchanan
Rabbitt Island Lake	430	Monona

Lakes and Wetlands - Index

Waterbody Name	Number	County
Railroad Lake	541	Scott
Railroad Lake (Falls Access S.W.M.A.)	43	Black Hawk
Rathbun Reservoir	18	Appanoose
Red Haw Lake State Park	373	Lucas
Red Rock Reservoir State Park	397	Marion
Redbird Farms W.A. Ponds	328	Johnson
Reiff Park Pond	533	Sac
Rice Lake S.G.M.A.	635	Winnebago
Ringgold S.W.M.A. Ponds	524	Ringgold
Riverview Recreational Center Ponds	44	Black Hawk
Roberts Creek Park Lake	398	Marion
Robinsons Memorial Park Pond	225	Franklin
Robison Wildlife Acres Pond	566	Story
Rock Creek Lake State Park	317	Jasper
Rockfall Pond	109	Cerro Gordo
Rockwell City City Pond	82	Calhoun
Rockwell Pond	110	Cerro Gordo
Rodgers Park Lake	25	Benton
Rodman Memorial Park Ponds	241	Grundy
Rodney Pits R.A. (Includes Johnson, McDonald, and Peters Park Pits)	431	Monona
Roger Birdsall Memorial Park Lake	45	Black Hawk
Ross Area Pit	464	Page
Round Prairie Park Pond	322	Jefferson
Rush Lake S.W.M.A.	469	Palo Alto
Russell W.A. Pond	391	Mahaska
Sand Creek Access Area Lake	64	Buchanan
Sand Pit	399	Marion
Sandbar Slough	195	Dickinson
Sands Timber Lake (a.k.a. Blockton Reservoir)	576	Taylor
Sandy Hollow Park Lake	554	Sioux
Savery Pond	432	Monona
Sawmill Hollow W.A. Pond	266	Harrison
Sawmill Lake	307	Jackson
Saylorville Reservoir	503	Polk
Schaben Park Pond	267	Harrison
Scharnberg Pond County Park	135	Clay
Schenck's Lake	465	Page
Schimeroski Pond	548	Shelby
Schley Park Pond	268	Harrison
Schmerse W.A. Pond	136	Clay
School Pond	285	Ida
Scott Lake A S.W.M.A.	234	Fremont
Scott Lake B S.W.M.A.	235	Fremont

Lakes and Wetlands - Index

Waterbody Name	Number	County
Seminole Valley Park Lakes	360	Linn
Seymour Reservoir	618	Wayne
Sheffield G.M.A. Pond	226	Franklin
Shell Rock County Park Lake	76	Butler
Sherman Township Access Area	433	Monona
Shimek State Forest Ponds	352	Lee
Silver Lake County Park	169	Delaware
Silver Lake Marsh S.G.M.A.	653	Worth
Silver Lake S.G.M.A.	196	Dickinson
Silver Lake S.G.M.A.	470	Palo Alto
Silver Lake S.G.M.A.	654	Worth
Silver Maple County Park Pond	477	Plymouth
Silver Springs Pond County Park	639	Winneshiek
Sioux Center Pit	555	Sioux
Slip Bluff County Park Lake	164	Decatur
Sluggo's Pond	119	Chickasaw
Snider Lake	308	Jackson
Snyder Bend Lake	646	Woodbury
Sokum Ridge County Park Pond	613	Washington
South Cedar County Park Pond	361	Linn
South Colyn Marsh	374	Lucas
South Fork Park Pond	77	Butler
South Prairie Lake	46	Black Hawk
South Sabula Lake	309	Jackson
South Twin Lake State Park	83	Calhoun
Southeast Wildwood Park Pond	478	Plymouth
Southwood Ponds Conservation Area	647	Woodbury
Spillville Impoundment	640	Winneshiek
Split Rock Lake County Park	120	Chickasaw
Sportsman County Park Pond	471	Palo Alto
Sportsman's Pond State Park	78	Butler
Spring Lake	114	Cherokee
Spring Lake County Park	239	Greene
Spring Lake Park	8	Adams
Springbrook Lake State Park	245	Guthrie
St. Ansgar Impoundment	419	Mitchell
St. Benedict W.A. Pond	341	Kossuth
St. John's W.A. Lake	269	Harrison
Stacyville Impoundment	418	Mitchell
Stephens State Forest - Lucas Unit Pond 1	375	Lucas
Stephens State Forest - Lucas Unit Pond 2	376	Lucas
Stephen's State Forest - Reichelt Unit Lake	318	Jasper
Stephen's State Forest - Unionville Area Pond	19	Appanoose

Lakes and Wetlands - Index

Waterbody Name	Number	County
Stephens State Forest - Whitebreast Unit Pond 1	377	Lucas
Stephens State Forest - Whitebreast Unit Pond 2	378	Lucas
Stoehr Lake (Wellsburg)	242	Grundy
Stone State Park Ponds	648	Woodbury
Storm Lake (including Little Storm Lake) S.W.M.A.	70	Buena Vista
Sturchler Pit (a.k.a. Newell Pit)	71	Buena Vista
Sturtz Pit	51	Boone
Summitt Lake	584	Union
Sunfish Lake	310	Jackson
Sunken Gardens Park Pond	400	Marion
Sunken Grove Lake S.G.M.A. (a.k.a. Sunken Island Lake)	485	Pocahontas
Sunken Lake	197	Dickinson
Sunset Lake Park	150	Crawford
Sutcliff Woodland Pond	246	Guthrie
Swan Lake	198	Dickinson
Swan Lake S.W.A.	329	Johnson
Swan Lake State Park	87	Carroll
Sweet Marsh Reservoir S.W.M.A.	54	Bremer
Sweet Marsh Seg. A S.W.M.A.	55	Bremer
Sweet Marsh Seg. B S.W.M.A. (a.k.a. Martens Lake)	56	Bremer
Sweet Marsh Seg. C S.W.M.A.	57	Bremer
Tabor Pond	236	Fremont
Talmadge Hill Park Lake / Marsh	585	Union
Taylor Park Pond	279	Howard
Thayer Lake Park	586	Union
Thomas Mitchell Lake	504	Polk
Thomas Pit	461	Osceola
Three Mile Lake	587	Union
Three Waters W.A. Lake	72	Buena Vista
Thunder Woman Park Pond	47	Black Hawk
Toft W.A. Pond	227	Franklin
Torkleson Pits W.A.	255	Hancock
Tower Pond	401	Marion
Troy Mills Marsh S.F.G.A.	65	Buchanan
Trumbull Lake S.G.M.A.	137	Clay
Tuttle Lake (a.k.a. Okamanpeedan Lake)	210	Emmet
Twelve Mile Creek Lake	588	Union
Twelve-Mile Lake S.G.M.A.	211	Emmet
Twin Lakes	311	Jackson
Twin Ponds	121	Chickasaw
Tyson Bend W.A. Marsh	270	Harrison
Union Grove Lake State Park	571	Tama
Union Grove W.A. Pond	572	Tama

Lakes and Wetlands - Index

Waterbody Name	Number	County
Union Slough (Darling Pool) N.W.R.	342	Kossuth
Union Slough (Gabrielson Pool) N.W.R.	343	Kossuth
Union Slough (Lowe Pool) N.W.R.	344	Kossuth
Union Slough (Pierce Pool) N.W.R.	345	Kossuth
Union Slough (Ruddy Pool) N.W.R.	346	Kossuth
Union Slough (Smith Pool) N.W.R.	347	Kossuth
Upper Blencoe Bend	434	Monona
Upper Brown Lake	312	Jackson
Upper Centerville Reservoir (Lelah Bradly Park)	20	Appanoose
Upper Dam Impoundment	641	Winneshiek
Upper Gar Lake S.G.M.A.	199	Dickinson
Upper Pine Lake	260	Hardin
Upper Y Lake	313	Jackson
Ventura Marsh S.G.M.A.	111	Cerro Gordo
Vernon Springs Park Pond	280	Howard
Viking Lake State Park	445	Montgomery
Virgin Lake S.G.M.A.	472	Palo Alto
Virginia Grove R.A. Pond	368	Louisa
Walnut Creek Marsh	525	Ringgold
Walton Reservoir	323	Jefferson
Wapsi River Center Pond	542	Scott
Waubonsie Access Lake	237	Fremont
Waucoma Impoundment	218	Fayette
Waukon Junction Marsh	15	Allamakee
Waverly Impoundment	58	Bremer
Welch Lake S.G.M.A.	200	Dickinson
Werner Memorial Woods Pond	353	Lee
West Lake	177	Des Moines
West Lake (Lenox)	577	Taylor
West Lake (Osceola)	127	Clarke
West Lake Corning (a.k.a. Corning Reservoir)	9	Adams
West Okoboji Lake S.G.M.A.	201	Dickinson
West Swan Lake S.W.M.A. (a.k.a. Swan Lake)	212	Emmet
West Twin Lake S.G.M.A.	256	Hancock
Western Pond	314	Jackson
Westport Park Pond	202	Dickinson
White Oak Conservation Area Lake	392	Mahaska
Whiting Woods Pond R.A.	435	Monona
Whittemore Pit (a.k.a. Siems Park Pits)	348	Kossuth
Wiese Slough S.W.M.A.	450	Muscatine
Wilcox W.A. Ponds	402	Marion
Wilkinson Pioneer Park Pond	112	Cerro Gordo
Williamsburg Pond	289	Iowa

Lakes and Wetlands - Index

Waterbody Name	Number	County
Williamson Pond S.P.H.& R.A.	379	Lucas
Willow Lake R.A.	271	Harrison
Willow Slough Marsh	414	Mills
Wilson County Park Lake	578	Taylor
Wilson Park Lakes	354	Lee
Windmill Lake County Park	579	Taylor
Winegar Lake S.G.M.A.	26	Benton
Winnebago Bend Lake	649	Woodbury
Winterfield Pond (a.k.a. Van Zee Pit)	556	Sioux
Witmer Park Pond	505	Polk
Worth County Lake Park	655	Worth
Yeager Lake	178	Des Moines
Yellow Banks Park Pond	506	Polk
Yellow Smoke Park Lake	151	Crawford
Yenrougis County Park Pond	335	Keokuk

Lakes and Wetlands - Designations

#	County	Waterbody Name	1/4	S	T	R	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
1	Adair	Greenfield Lake		13	75	32						X			X		
2	Adair	Medaow Lake S.P.H.A.		17	76	31	X					X					
3	Adair	Mormon Trail County Park Lake		3	74	33	X					X					
4	Adair	Nodaway Lake County Park (Ken Sidey Nature Area)		14	75	32	X					X			X		
5	Adair	Orient Lake R.A.		20	74	31	X					X			X		
6	Adams	Binder Lake		25	72	34	X					X			X		
7	Adams	Lake Icaria County R.A.		10	72	34	X					X			X		
8	Adams	Spring Lake Park		2	71	34						X					
9	Adams	West Lake Corning (a.k.a. Corning Reservoir)	SE	26	72	34						X			X		
10	Allamakee	Founders Pond	SE	33	96	3						X					
11	Allamakee	Kains Lake S.W.A.		24	100	4	X					X					
12	Allamakee	Lansing Lake		13	100	4	X					X					
13	Allamakee	Mud Hen Lake		1	96	3	X					X					
14	Allamakee	New Albin Big Lake		8	99	3	X					X					
15	Allamakee	Wakon Junction Marsh		10	96	3	X					X					
16	Appanoose	Lower Centerville Reservoir		12	68	18	X					X			X		
17	Appanoose	Mystic Reservoir		8	69	18	X					X			X		
18	Appanoose	Rathbun Reservoir		35	70	18	X				X						X
19	Appanoose	Stephen's State Forest - Unionville Area Pond		35	70	16						X					
20	Appanoose	Upper Centerville Reservoir (Lelah Bradly Park)		11	68	18	X					X			X		
21	Audubon	Littlefield Lake		17	78	34	X					X					
22	Audubon	Nabotna Pond Park		11	80	35						X					
23	Benton	Dudgeon Lake S.W.M.A.		9	85	10						X					
24	Benton	Hannon Lake		32	82	11	X					X					
25	Benton	Rodgers Park Lake		1	86	11	X					X					
26	Benton	Winegar Lake S.G.M.A.		5	86	10		X		X							
27	Black Hawk	Alice Wyth Lake		7	89	13						X					
28	Black Hawk	Big Woods Lake		1	89	14						X					
29	Black Hawk	Black Hawk Park Ponds		34	90	14						X					
30	Black Hawk	Cedar Falls Impoundment		12	89	14	X				X						
31	Black Hawk	Cedar River N.R.A. Pond	SE	34	88	12						X					
32	Black Hawk	City Park Pond (Waterloo)		15	89	13						X					
33	Black Hawk	Deerwood Park Lake		1	88	13	X					X					
34	Black Hawk	East Lake (a.k.a. Quarry Lake)		16	89	13	X					X					
35	Black Hawk	Fisher Lake		8	89	13						X					
36	Black Hawk	Fox Township W.A. Pond	SE	12	88	11						X					
37	Black Hawk	George Wyth State Park Lake		6	89	13	X					X					
38	Black Hawk	Green Belt Lake		6	89	13	X					X					
39	Black Hawk	Hartman Reserve Ponds		17	89	13		X		X							
40	Black Hawk	Hope Martin Memorial Park Pond		27	89	13						X					
41	Black Hawk	Meyer Lake		6	88	12	X					X					
42	Black Hawk	North Prairie Lake		35	89	14		X					X				
43	Black Hawk	Railroad Lake (Falls Access S.W.M.A.)		28	90	14						X					
44	Black Hawk	Riverview Recreational Center Ponds (Includes Mitchell Lake)		31	89	13						X					
45	Black Hawk	Roger Birdsall Memorial Park Lake	SW	10	89	14						X					
46	Black Hawk	South Prairie Lake		35	89	14						X					
47	Black Hawk	Thunder Woman Park Pond		6	90	14		X		X							
48	Boone	Dickcissell Lake R.A.	SE	36	84	26						X					
49	Boone	Don Williams County Park Lake		5	84	27	X					X					
50	Boone	McHose Park Pond		33	84	26						X					
51	Boone	Sturtz Pit		36	84	27						X					
52	Bremer	Avenue of the Saints Pond		7	91	14						X					
53	Bremer	Frederika Impoundment		7	93	12		X		X							
54	Bremer	Sweet Marsh Reservoir S.W.M.A.		34	93	12						X					
55	Bremer	Sweet Marsh Seg. A S.W.M.A.		2	92	12						X					
56	Bremer	Sweet Marsh Seg. B S.W.M.A. (a.k.a. Martens Lake)		35	93	12						X					
57	Bremer	Sweet Marsh Seg. C S.W.M.A.		34	93	12						X					
58	Bremer	Waverly Impoundment		2	91	13	X			X							
59	Buchanan	Fontana Mill Lake		16	90	9		X		X							
60	Buchanan	Independence Impoundment		27	89	9	X			X							X
61	Buchanan	Kountry Pond		35	87	10						X					
62	Buchanan	Littleton Impoundment		9	89	10	X			X							X

Lakes and Wetlands - Designations

#	County	Waterbody Name	1/4	S	T	R	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
63	Buchanan	Quasqueton Impoundment		34	88	8	X			X							X
64	Buchanan	Sand Creek Access Area Lake	NE	14	87	8						X					
65	Buchanan	Troy Mills Marsh S.F.G.A.	SE	25	87	8						X					
66	Buena Vista	Gabrielson Park Lake	NW	18	93	36	X					X					
67	Buena Vista	Gustafson Lake		18	93	36	X					X					
68	Buena Vista	Marathon City Park Pond		20	93	35	X					X					
69	Buena Vista	Pickerel Lake S.W.M.A.		1	93	35	X					X					
70	Buena Vista	Storm Lake (including Little Storm Lake) S.W.M.A.		14	90	37	X					X					
71	Buena Vista	Sturcler Pit (a.k.a. Newell Pit)	NE	13	90	36						X					
72	Buena Vista	Three Waters W.A. Lake	NW	1	90	36						X					
73	Butler	Aplington Pits		20	90	17						X					
74	Butler	Big Marsh S.W.M.A.		25	91	17						X					
75	Butler	Lake Considine County Park		1	91	18						X					
76	Butler	Shell Rock County Park Lake		2	91	15		X		X							
77	Butler	South Fork Park Pond	NE	32	92	18						X					
78	Butler	Sportsman's Pond State Park		13	92	16						X					
79	Calhoun	Calhoun W.A. Pond	SW	13	89	31						X					
80	Calhoun	Highway 4 R.A. Pond	NW	1	87	33						X					
81	Calhoun	North Twin Lake State Park		33	89	32	X					X					
82	Calhoun	Rockwell City City Pond	SE	25	88	33						X					
83	Calhoun	South Twin Lake State Park		1	88	33						X					
84	Carroll	Artesian Lake County Park		27	85	33						X					
85	Carroll	Daniel Davis Timber Pond		22	82	34						X					
86	Carroll	Four Corners R.A. Pond		19	82	36						X					
87	Carroll	Swan Lake State Park		5	83	34	X					X					
88	Cass	Cold Springs Lake State Park		15	75	37	X					X					
89	Cass	Griswold Park Pond (a.k.a. Conklin Fish Farm Lake)		32	75	37						X					
90	Cass	Iranistan Rock Quarry Pond		8	75	37						X					
91	Cass	Lake Anita State Park		32	77	34	X					X					
92	Cass	Nodaway W.A. Pond	NE	19	74	34						X					
93	Cedar	Bennet Park Lake		11	80	1						X					
94	Cedar	Cedar Valley Park Quarries	NE	20	80	3						X					
95	Cerro Gordo	Black Pit		17	96	20						X					
96	Cerro Gordo	Blair Meadows Preserve Pond	SE	1	96	21						X					
97	Cerro Gordo	Blue Pit		16	96	20	X	X				X					
98	Cerro Gordo	Clark Lake (a.k.a. Mike Zack W.A.)	SE	27	96	20						X					
99	Cerro Gordo	Clear Lake Marsh S.G.M.A.		6	96	21						X					
100	Cerro Gordo	Clear Lake State Park		13	96	22	X					X			X		X
101	Cerro Gordo	Fin and Feather Lake		27	96	20						X					
102	Cerro Gordo	Georgia Hanford Park Ponds		22	96	20						X					
103	Cerro Gordo	Kuhn W.A. Quarry	NE	19	97	22						X					
104	Cerro Gordo	Lekwa Marsh		26	96	22						X					
105	Cerro Gordo	Lime Creek Conservation Area Pond	SE	28	97	20						X					
106	Cerro Gordo	Mason City E. Park Pond		7	96	20						X					
107	Cerro Gordo	McIntosh W.A. Marsh		16	96	22						X					
108	Cerro Gordo	Meadow Lake		14	96	20						X					
109	Cerro Gordo	Rockfall Pond		22	97	19						X					
110	Cerro Gordo	Rockwell Pond		10	94	20						X					
111	Cerro Gordo	Ventura Marsh S.G.M.A.		19	96	22						X					
112	Cerro Gordo	Wilkinson Pioneer Park Pond		26	97	19						X					
113	Cherokee	Larson Lake County Park		1	91	39						X					
114	Cherokee	Spring Lake		28	92	40	X					X					
115	Chickasaw	Airport Lake		35	96	13	X					X					
116	Chickasaw	Goodale Conservation Area Pond		29	97	14						X					
117	Chickasaw	Johnny Walnut Seed Conservation Area Pond	NW	28	97	12						X					
118	Chickasaw	Nashua Impoundment (a.k.a. Cedar Lake)		18	94	14	X			X							
119	Chickasaw	Sluggo's Pond	SW	14	96	11						X					
120	Chickasaw	Split Rock Lake County Park		35	94	12	X					X					
121	Chickasaw	Twin Ponds	SW	28	95	13						X					
122	Clarke	East Lake (Osceola) County Park		16	72	25	X					X					
123	Clarke	Grade Lake		19	72	25						X					
124	Clarke	Green Pines W.A. Pond	SW	2	73	25						X					

Lakes and Wetlands - Designations

#	County	Waterbody Name	1/4	S	T	R	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
125	Clarke	Liberty Acres		8	73	24						X					
126	Clarke	Q Pond City Park		18	72	25						X					
127	Clarke	West Lake (Osceola)		13	72	26						X		X			
128	Clay	Barringer Slough S.G.M.A.		14	96	35						X					
129	Clay	Bruggeman R.A. Park Pond		30	97	38	X					X					
130	Clay	Dan Greene Slough S.G.M.A.		20	97	35						X					
131	Clay	Dicken's Pit	NW	20	96	35						X					
132	Clay	Elk Lake S.G.M.A.		36	96	35						X			X		
133	Clay	Hawk Valley Ponds		15	96	36						X					
134	Clay	James W.A. Lake	SE	27	94	37						X					
135	Clay	Scharnberg Pond County Park		11	96	38	X					X					
136	Clay	Schmerse W.A. Pond	NW	10	97	36						X					
137	Clay	Trumbull Lake S.G.M.A.		27	97	35	X					X					
138	Clayton	Big Pond		16	92	2	X					X					
139	Clayton	Bussey Lake		8	92	2	X					X					
140	Clayton	Elkader Impoundment		23	93	5		X				X					
141	Clayton	Frenchtown Lake		29	93	2	X					X					
142	Clayton	Osborne Park Pond		9	92	5	X					X					
143	Clinton	Goose Lake		29	83	5E						X					
144	Clinton	Hagenson Pond	SE	10	80	5E						X					
145	Clinton	Kildeer R.A. Lake	SW	13	81	4E	X					X					
146	Clinton	Malone Park Pond	NE	23	81	4E	X					X					
147	Crawford	Ahart/ Rudd N.R.A. Pond	NW	21	82	40						X					
148	Crawford	Nelson Park Lake (a.k.a. Lake Stern)		2	82	41	X					X					
149	Crawford	Newcorn/ Riggelman N.R.A. Pond	NW	33	85	38						X					
150	Crawford	Sunset Lake Park		16	83	39						X					
151	Crawford	Yellow Smoke Park Lake		6	83	38	X					X					
152	Dallas	Beaver Lake		29	78	29	X					X					
153	Davis	Bloomfield City Park Pond	NW	30	69	13						X					
154	Davis	Drakesville Ponds		6	69	14						X					
155	Davis	Eldon State Game Area Ponds		9	70	12						X					
156	Davis	Lake Fisher Park		23	69	14						X		X			
157	Davis	Lake Wapello State Park		34	70	15	X					X		X			
158	Davis	McGowen Recreation and W.A. Ponds		30	69	13						X					
159	Decatur	Home Lake		3	67	27						X					
160	Decatur	Home Pond		3	67	27						X		X			
161	Decatur	Lake LeShane		4	67	27	X					X		X			
162	Decatur	Little River Watershed R.A. Lake		19	69	25	X					X		X			
163	Decatur	Nine Eagles State Park Lake		18	67	25	X					X		X			
164	Decatur	Slip Bluff County Park Lake		28	68	26	X					X					
165	Delaware	Backbone Lake State Park		15	90	6	X					X					
166	Delaware	Lake Delhi (a.k.a. Hartwick Lake)		30	88	4	X					X					
167	Delaware	Manchester Impoundment		29	89	5	X					X					
168	Delaware	Quaker Mills Impoundment		19	89	5	X					X					
169	Delaware	Silver Lake County Park		16	88	4	X					X					
170	Des Moines	4th Pumping Plant (a.k.a. Slough Lake)		4	72	1	X					X					
171	Des Moines	Allen Green State Refuge Marsh		29	72	1						X					
172	Des Moines	Big Hollow Creek R.A. Ponds		17	71	3						X					
173	Des Moines	Gahn Wildlife Refuge Pond		22	70	3						X					
174	Des Moines	Izaak Walton Lake	SE	25	70	3						X					
175	Des Moines	Lake Starker (in Crapo Park)	NW	16	69	2						X					
176	Des Moines	Luckenbill Woods Wetlands	NE	22	72	2						X					
177	Des Moines	West Lake		25	70	3						X					
178	Des Moines	Yeager Lake		28	70	2	X					X					
179	Dickinson	Big Spirit Lake S.G.M.A.		33	100	36	X	X				X		X	X		
180	Dickinson	Center Lake		7	99	36	X					X					
181	Dickinson	Diamond Lake S.G.M.A.		15	100	37						X					
182	Dickinson	East Okoboji Lake S.G.M.A.		29	99	36	X	X				X			X		
183	Dickinson	Garlock Slough S.G.M.A.		35	99	37						X					
184	Dickinson	Grover's Marsh		12	100	36						X				X	
185	Dickinson	Hale Slough		23	100	36						X					
186	Dickinson	Hottes Lake S.G.M.A.		18	100	36						X					
187	Dickinson	Lake Park Pond		32	100	38						X					

Lakes and Wetlands - Designations

#	County	Waterbody Name	1/4	S	T	R	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
188	Dickinson	Lily Lake		18	99	35						X					
189	Dickinson	Little Spirit Lake S.G.M.A.		8	100	36	X					X					
190	Dickinson	Lower Gar Lake S.G.M.A.		32	99	36	X	X				X			X		
191	Dickinson	Marble Lake S.G.M.A.		17	100	36						X					
192	Dickinson	Minnewashta Lake S.G.M.A.		29	99	36	X	X				X			X		
193	Dickinson	Pleasant Lake S.G.M.A.		7	99	35						X					
194	Dickinson	Prairie Lake		23	99	36						X					
195	Dickinson	Sandbar Slough		14	100	36						X					
196	Dickinson	Silver Lake S.G.M.A.		28	100	38	X					X			X		
197	Dickinson	Sunken Lake		17	100	36						X					
198	Dickinson	Swan Lake		23	100	35						X					
199	Dickinson	Upper Gar Lake S.G.M.A.		29	99	36	X	X				X			X		
200	Dickinson	Welch Lake S.G.M.A.		23	100	37						X					
201	Dickinson	West Okoboji Lake S.G.M.A.		20	99	36	X	X				X			X	X	
202	Dickinson	Westport Park Pond	NE	17	98	38						X					
203	Dubuque	Heritage Pond	NE	3	89	2E						X					
204	Dubuque	Mud Lake Park		15	90	2E	X					X					
205	Emmet	Burr Oak Lake W.A.		21	98	33						X					X
206	Emmet	High Lake S.G.M.A.		14	98	33	X					X					
207	Emmet	Ingham Lake S.G.M.A.		12	98	33	X					X					
208	Emmet	Iowa Lake S.G.M.A.		12	100	31						X			X		
209	Emmet	Jim Hall Habitat Area Wetland		32	98	33						X					
210	Emmet	Tuttle Lake (a.k.a. Okamanpeedan Lake)		11	100	32	X					X					X
211	Emmet	Twelve-Mile Lake S.G.M.A.		21	98	34						X					
212	Emmet	West Swan Lake S.W.M.A. (aka Swan Lake)		31	99	32						X					
213	Fayette	Fairbank Impoundment		32	91	10						X					
214	Fayette	Frog Hollow (a.k.a. Volga Lake)		3	93	8	X					X					
215	Fayette	Gilbertson Area Lake		13	94	7						X					
216	Fayette	Lake Oelwein		33	91	9	X					X					
217	Fayette	Mare Mard Impoundment		14	92	9						X					
218	Fayette	Waucoma Impoundment		9	95	10						X					
219	Floyd	Charles City Impoundment		12	95	16	X					X					
220	Floyd	Marble Rock Impoundment		8	94	17						X					
221	Franklin	Beeds Lake State Park		20	92	20	X					X					
222	Franklin	Interstate Park Lake	NW	2	91	22											X
223	Franklin	Maynes Grove Lake		21	91	20											X
224	Franklin	Pope Joy Pond County Park		27	90	22											X
225	Franklin	Robinsons Memorial Park Pond		23	92	20											X
226	Franklin	Sheffield G.M.A. Pond	NW	1	93	21											X
227	Franklin	Toft W.A. Pond		30	91	22	X										X
228	Fremont	Bartlett Lake S.W.M.A.		4	70	43											X
229	Fremont	Forneys Lake S.W.M.A.		22	70	43											X
230	Fremont	McPaul A Pond		28	70	43											X
231	Fremont	McPaul B Pond		28	70	43											X
232	Fremont	Percival Lake S.W.M.A.		17	69	43											X
233	Fremont	Pinky's Glen Pond	NW	6	70	42											X
234	Fremont	Scott Lake A S.W.M.A.		16	70	43											X
235	Fremont	Scott Lake B S.W.M.A.		16	70	43											X
236	Fremont	Tabor Pond		5	70	42											X
237	Fremont	Waubonsie Access Lake		31	68	43											X
238	Greene	Pound Pits	NE	20	84	29											X
239	Greene	Spring Lake County Park		25	84	30	X										X
240	Grundy	Dike Lake		5	88	15											X
241	Grundy	Rodman Memorial Park Ponds	SW	31	89	15	X										X
242	Grundy	Stoehr Lake (Wellsburg)		15	88	18											X
243	Guthrie	Bays Branch Wetland S.W.A.		22	80	30											X
244	Guthrie	Lake Panorama		31	80	30	X										X
245	Guthrie	Springbrook Lake State Park		33	81	31	X										X
246	Guthrie	Sutcliff Woodland Pond		13	79	33											X
247	Hamilton	Briggs Woods Lake County Park		17	88	25	X										X
248	Hamilton	Little Wall Lake County Park		10	86	24	X										X
249	Hancock	Crystal Lake S.G.M.A.		15	97	25	X										X
250	Hancock	Eagle Lake S.G.M.A.		18	96	24											X

Lakes and Wetlands - Designations

#	County	Waterbody Name	1/4	S	T	R	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
251	Hancock	East Twin Lake S.G.M.A.		29	94	24						X					
252	Hancock	Eight Mile Pits	S1/2	1	97	25						X					
253	Hancock	Eldred Sherwood Lake R.A.		21	94	23	X					X					
254	Hancock	Pilot Knob Lake State Park		4	97	23	X					X					
255	Hancock	Torkleson Pits W.A.		22	97	23						X					
256	Hancock	West Twin Lake S.G.M.A.		30	94	24						X					
257	Hardin	Lower Pine Lake		4	87	19	X			X							
258	Hardin	Pine Ridge R.A. Lake	SE	21	88	19						X					
259	Hardin	Prairie Bridges Park Ponds		35	90	19	X					X					
260	Hardin	Upper Pine Lake		4	87	19	X			X							
261	Harrison	California Bend S.W.R. Marsh		7	78	45						X					
262	Harrison	DeSoto Bend N.W.R.		21	78	45	X					X					X
263	Harrison	DeSoto Bend Pond		20	78	45						X					
264	Harrison	Dunlap Pond		2	81	41						X					
265	Harrison	Loess Hills State Forest Ponds		20	81	44						X					
266	Harrison	Sawmill Hollow W.A. Pond	SE	13	79	44						X					
267	Harrison	Schaben Park Pond		30	81	41						X					
268	Harrison	Schley Park Pond	SW	3	78	41						X					
269	Harrison	St. John's W.A. Lake		6	78	44						X					
270	Harrison	Tyson Bend W.A. Marsh		28	79	45						X					
271	Harrison	Willow Lake R.A.		6	80	42	X					X					
272	Henry	East Lake Park	SW	14	71	6						X					
273	Henry	Geode Lake State Park		36	70	5	X					X					X
274	Henry	Oakland Mills Impoundment		24	71	7	X			X							
275	Howard	Lake Hendricks		19	99	14	X					X					
276	Howard	Lime Springs Impoundment	NE	20	100	12		X		X							X
277	Howard	Lylah's Marsh County Park		23	98	14						X					
278	Howard	Merrick Pond W.M.A.		5	97	14						X					
279	Howard	Taylor Park Pond	NW	2	97	11						X					
280	Howard	Vernon Springs Park Pond	SE	34	99	11						X					
281	Humboldt	Humboldt Impoudment (a.k.a. Lake Nokomis)		2	91	29		X		X							
282	Ida	Cobb Memorial Park Lake		14	87	40						X					
283	Ida	Crawford Creek Impoundment County R.A.		10	86	41	X					X					
284	Ida	Moorehead Park Pond	SE	10	87	40						X					
285	Ida	School Pond		26	87	41	X					X					
286	Iowa	Amana Lily Pond		27	81	9						X					
287	Iowa	Big Bend Wetlands	SE	20	81	10						X					
288	Iowa	Iowa Lake County Park		19	79	11	X					X					
289	Iowa	Williamsburg Pond		9	79	10						X					
290	Jackson	Big Keller Lake		31	85	7E	X			X							
291	Jackson	Bonnie Lake		3	85	5E	X			X							
292	Jackson	Dalton Lake		34	84	5E		X				X					X
293	Jackson	Densmore Lake		17	85	6E	X			X							
294	Jackson	Fish Lake		18	85	6E	X			X							
295	Jackson	Flat Lake		11	85	5E	X			X							
296	Jackson	Golden Lake (a.k.a. Jackson Lake)		2	85	5E	X			X							
297	Jackson	Goose Lake		12	85	5E	X			X							
298	Jackson	Green Island Lake W.A.		20	85	6E						X					
299	Jackson	Horseshoe Pond County Park	NW	30	84	3E						X					
300	Jackson	Little Keller Lake		31	85	7E	X			X							
301	Jackson	Little Sawmill Lake		17	85	6E	X			X							
302	Jackson	Lower Brown Lake		22	85	6E	X			X							
303	Jackson	Lower Y Lake		5	84	7E	X			X							
304	Jackson	Middle Sabula Lake		19	84	7E	X					X					
305	Jackson	North Sabula Lake		18	84	7E	X					X					
306	Jackson	Pinoak Lake		23	85	6E	X			X							
307	Jackson	Sawmill Lake		17	85	6E	X			X							
308	Jackson	Snider Lake		7	85	6E	X			X							
309	Jackson	South Sabula Lake		19	84	7E	X					X					
310	Jackson	Sunfish Lake		6	84	7E	X			X							
311	Jackson	Twin Lakes		12	85	5E	X			X							
312	Jackson	Upper Brown Lake		21	85	6E	X			X							
313	Jackson	Upper Y Lake		5	84	7E	X			X							

Lakes and Wetlands - Designations

#	County	Waterbody Name	1/4	S	T	R	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
314	Jackson	Western Pond		10	85	5E	X			X							
315	Jasper	Jacob Krumm Nature Preserve Lakes	cen	25	80	17						X					
316	Jasper	Mariposa Lake County Park		32	81	18	X					X					
317	Jasper	Rock Creek Lake State Park		17	80	17	X					X		X			
318	Jasper	Stephen's State Forest - Reichelt Unit Lake	NE	31	80	17						X					
319	Jefferson	Fairfield Municipal Reservoir #1		24	72	10						X		X			
320	Jefferson	Fairfield Municipal Reservoir #2		24	72	10						X		X			
321	Jefferson	Jefferson County Park Ponds		34	72	10						X					
322	Jefferson	Round Prairie Park Pond	NW	32	71	8						X					
323	Jefferson	Walton Reservoir		30	72	9						X		X			
324	Johnson	Coralville Reservoir		22	80	6	X			X							
325	Johnson	Kent County Park Lake		24	80	8	X					X					
326	Johnson	Lake McBride State Park		29	81	6	X					X					
327	Johnson	North Ridge Park Pond		31	80	6						X					
328	Johnson	Redbird Farms W.A. Ponds	SW	30	79	7						X					
329	Johnson	Swan Lake S.W.A.		5	80	7						X					
330	Jones	Central Park Lake		1	84	3	X					X					
331	Jones	Muskrat Slough S.G.M.A.		16	83	3						X					
332	Jones	Olin R.A. Pond	cen	12	83	3						X					
333	Keokuk	Belvadeer Park Ponds Lake		21	76	11						X					
334	Keokuk	Griffin Lake Park		15	76	13						X					
335	Keokuk	Yenrougis County Park Pond		23	76	12	X					X					
336	Kossuth	Burt Lake (a.k.a. Swag Lake)		9	100	30						X					
337	Kossuth	Goose Lake S.G.M.A.		17	100	30						X					
338	Kossuth	Hurlburt W.A. Pond	SE	25	96	29						X					
339	Kossuth	Lake Smith County Park		23	96	29	X					X					
340	Kossuth	Plum Creek W.A. Pond	SW	17	96	28						X					
341	Kossuth	St. Benedict W.A. Pond	NW	30	95	27						X					
342	Kossuth	Union Slough (Darling Pool) N.W.R.		26	98	28						X			X		
343	Kossuth	Union Slough (Gabrielson Pool) N.W.R.		23	98	28						X			X		
344	Kossuth	Union Slough (Lowe Pool) N.W.R.		9	97	28						X			X		
345	Kossuth	Union Slough (Pierce Pool) N.W.R.		14	98	28						X			X		
346	Kossuth	Union Slough (Ruddy Pool) N.W.R.		14	98	28						X			X		
347	Kossuth	Union Slough (Smith Pool) N.W.R.		4	97	28						X			X		
348	Kossuth	Whittemore Pit (a.k.a. Siems Park Pits)	SW	9	95	30	X					X					
349	Lee	Chatfield Lake Park		16	65	5	X					X					
350	Lee	Greenbay Lake		28	68	3						X					
351	Lee	Poll Miller Park Lake		9	68	5	X					X					
352	Lee	Shimek State Forest Ponds		5	67	7						X					
353	Lee	Werner Memorial Woods Pond	SW	4	68	4						X					
354	Lee	Wilson Park Lakes		35	68	6	X					X					
355	Linn	Central City Ponds (a.k.a. Pinicon Ridge Park Lake)		3	85	6						X					
356	Linn	Coggon Impoundment		3	86	6	X					X					
357	Linn	Goose Pond		29	85	8						X					
358	Linn	Manhattan Robbins Lake Park		18	83	7	X					X					
359	Linn	Pleasant Creek Lake State Park		31	85	8	X					X					
360	Linn	Seminole Valley Park Lakes		13	83	6	X					X					
361	Linn	South Cedar County Park Pond		28	82	5						X					
362	Louisa	Cairo Woods Pond		20	74	4						X					
363	Louisa	Cone Marsh S.W.M.A.		14	76	5						X					
364	Louisa	Coolegar Slough		29	75	2	X					X					
365	Louisa	Klum Lake		25	75	2						X					
366	Louisa	Lake Odessa		28	74	2	X					X					
367	Louisa	Langwood Education Center Pond		25	75	3						X					
368	Louisa	Virginia Grove R.A. Pond	NE	9	73	4						X					
369	Lucas	Brown's Slough Wetland		35	71	20						X					
370	Lucas	Ellis Lake		27	72	21						X		X			
371	Lucas	Morris Lake		26	72	21						X		X			
372	Lucas	North Colyn Marsh		30	71	20						X					
373	Lucas	Red Haw Lake State Park		33	72	21	X					X		X			
374	Lucas	South Colyn Marsh		30	71	20						X					
375	Lucas	Stephens State Forest - Lucas Unit Pond 1		22	72	23						X					
376	Lucas	Stephens State Forest - Lucas Unit Pond 2		26	72	23						X					

Lakes and Wetlands - Designations

#	County	Waterbody Name	1/4	S	T	R	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
377	Lucas	Stephens State Forest - Whitebreast Unit Pond 1	SW	34	72	23						X					
378	Lucas	Stephens State Forest - Whitebreast Unit Pond 2	NE	4	71	23						X					
379	Lucas	Williamson Pond S.P.H.& R.A.		25	73	21	X					X					
380	Lyon	Jasper Pool		11	100	49						X					
381	Lyon	Lake Pahoja R.A.		23	99	48	X					X					
382	Madison	Badger Creek S.R.A. Lake		11	77	27	X					X					
383	Madison	Cedar Lake (a.k.a. Winterset City Reservoir)		19	76	27						X		X			
384	Madison	Criss Cove County Park Pond	NW	14	74	28						X					
385	Madison	Deer Creek Wildlife Unit Pond		20	74	27						X					
386	Mahaska	Cedar Bluffs N.A. Pond	SW	33	75	17						X					
387	Mahaska	Edmundsun Park Pond		24	75	16						X					
388	Mahaska	Hawthorne Lake W.A. (a.k.a. Barnes City Lake)		10	77	14	X					X					
389	Mahaska	Hull W.A. Ponds		19	75	16						X					
390	Mahaska	Lake Keomah State Park		13	75	15	X					X		X			
391	Mahaska	Russell W.A. Pond		30	76	15						X					
392	Mahaska	White Oak Conservation Area Lake		28	75	14	X					X					
393	Marion	Bauer Park	NE	19	74	21						X					
394	Marion	Knoxville Pond (a.k.a. Marion County Park Pond)		11	75	20						X					
395	Marion	Pella S.G.M.A. Ponds		23	76	18						X					
396	Marion	Pleasantville Pond		15	76	21						X					
397	Marion	Red Rock Reservoir State Park		19	76	18	X					X					
398	Marion	Roberts Creek Park Lake		4	76	19	X					X					
399	Marion	Sand Pit	SW	20	76	18						X					
400	Marion	Sunken Gardens Park Pond	SE	3	76	18						X					
401	Marion	Tower Pond		25	76	19						X					
402	Marion	Wilcox W.A. Ponds		5	74	18						X					
403	Marshall	Green Castle Lake R.A.		8	82	17	X					X					
404	Marshall	Marshall County Lake		31	84	18						X					
405	Mills	Folsom Lake W.A.		32	73	43	X					X					
406	Mills	Glenwood Park Lake		12	72	43						X					
407	Mills	Institutional Pond (a.k.a. Peter Pan Lake)		24	72	43						X					
408	Mills	Keg Creek Lake		32	72	43						X					
409	Mills	Lake George	NE	20	72	40						X					
410	Mills	Malvern Pond (a.k.a. Bohner Pond)		32	72	41						X					
411	Mills	Mile Hill Lake		10	72	43						X					
412	Mills	P. J. Lake W.A.		29	72	43						X					
413	Mills	Pony Creek Park Lake		4	72	43						X					
414	Mills	Willow Slough Marsh		29	73	40						X					
415	Mitchell	Interstate Park (Mitchell Impoundment)		8	98	17	X					X					
416	Mitchell	Markham's Pond	SE	18	100	18						X					
417	Mitchell	Otranto Impoundment	SW	21	100	18	X					X					
418	Mitchell	Stacyville Impoundment		31	100	16		X				X					
419	Mitchell	St. Ansgar Impoundment		23	99	18	X					X					
420	Monona	Badger Lake S.W.M.A.		29	85	46						X					
421	Monona	Blackbird Bend W.A.		28	85	47						X					
422	Monona	Blencoe Lake W.A.		31	82	45						X					
423	Monona	Blue Lake		35	84	46	X					X					
424	Monona	Decatur Lake		17	83	46	X					X					
425	Monona	Loess Hills State Forest - Jones Creek Pond	NE	35	82	44						X					
426	Monona	Louisville Bend Marsh W.A.		67	83	45						X					
427	Monona	Lower Decatur Lake		17	83	46						X					
428	Monona	Middle Decatur Lake		16	83	46	X					X					
429	Monona	Oldham Lake R.A.		13	83	43	X					X					
430	Monona	Rabbit Island Lake		28	85	47						X					
431	Monona	Rodney Pits R.A. (Includes Johnson, McDonald, and Peters Park Pits)		2	85	44						X					
432	Monona	Savery Pond	SW	34	82	43						X					
433	Monona	Sherman Township Access Area		8	82	45						X					
434	Monona	Upper Blencoe Bend		24	82	45	X					X					
435	Monona	Whiting Woods Pond R.A.		30	85	43						X					
436	Monroe	Albia City Reservoir		9	72	17	X					X		X			
437	Monroe	Carmack Park Pond	SE	16	73	18						X					
438	Monroe	Cottonwood Pits S.G.M.A.		2	71	17						X					

Lakes and Wetlands - Designations

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439	Monroe	LaHart Area	NW	21	73	18						X					
440	Monroe	Lake Miami S.G.M.A.		20	73	17	X					X					
441	Montgomery	Anderson Conservation Area Pond	SE	14	72	38						X					
442	Montgomery	Anderson W.A. Ponds	NW	23	72	38						X					
443	Montgomery	Hacklebarney Woods Pond		3	71	36						X					
444	Montgomery	Pilot Grove Park Lake		1	73	37						X					
445	Montgomery	Viking Lake State Park		6	71	36	X					X		X			
446	Muscatine	Cedar Bluffs R.A. Ponds	NE	33	76	4						X					
447	Muscatine	Cone Lake			16	76	4	X			X						
448	Muscatine	Gedney Lake	NW	10	76	4						X					
449	Muscatine	Muscatine Slough (Kent-Stein Park)		3	76	2						X					
450	Muscatine	Wiese Slough S.W.M.A.		19	78	2						X					
451	O'Brien	Dog Creek Park Lake		29	94	39	X					X					
452	O'Brien	Douma Area Pond		5	96	41	X					X					
453	O'Brien	Mill Creek Lake State Park		3	94	41	X					X					
454	O'Brien	Negus R.A. Pond		30	94	39						X					
455	Osceola	Ashton Park Pond	NE	15	98	42	X					X					
456	Osceola	Ashton Pits S.P.H.A.	SW	11	98	42	X					X					
457	Osceola	Iowa Lake S.G.M.A.		9	100	39						X					
458	Osceola	May City Pits W.M.A.		6	98	39	X					X					
459	Osceola	Ocheyedan Pits R.A.		23	99	40	X					X					
460	Osceola	Peters Pit			19	100	42					X					
461	Osceola	Thomas Pit	NW	36	99	40						X					
462	Page	Pierce Creek Pond R.A.		29	70	39	X					X					
463	Page	Pioneer County Park Pond		28	69	38						X					
464	Page	Ross Area Pit	S1/2	15	67	36						X					
465	Page	Schenck's Lake		32	69	36	X					X					
466	Palo Alto	Five Island Lake S.G.M.A.		18	96	32	X					X					
467	Palo Alto	Lost Island Lake State Park		31	97	34	X					X					
468	Palo Alto	Mulroney Recreation W.A. Pond		25	95	32						X					
469	Palo Alto	Rush Lake S.W.M.A.		20	94	34						X					
470	Palo Alto	Silver Lake S.G.M.A.		20	95	34	X					X					
471	Palo Alto	Sportsman County Park Pond		19	96	31	X					X					
472	Palo Alto	Virgin Lake S.G.M.A.		30	96	34						X				X	
473	Plymouth	Deer Creek Lakes S.W.M.A.	S1/2	4	91	48						X					
474	Plymouth	Hillview R.A. Pond		6	90	46	X					X					
475	Plymouth	LeMars Pit		25	92	45	X					X					
476	Plymouth	Meadow W.A. Pond	SE	21	93	43						X					
477	Plymouth	Silver Maple County Park Pond	NE	11	92	49						X					
478	Plymouth	Southeast Wildwood Park Pond	NE	23	90	44						X					
479	Pocahontas	Cooper's Cove Park Pond		11	90	31						X					
480	Pocahontas	Fonda Reservoir		22	90	34						X					
481	Pocahontas	Little Clear Lake R. / W.A.		6	91	34						X					
482	Pocahontas	Lizard Lake County Park		27	91	31						X					
483	Pocahontas	Meredith Park Pond	NE	4	93	32	X					X					
484	Pocahontas	Northwest Recreational Park Pond	NW	27	93	34						X					
485	Pocahontas	Sunken Grove Lake S.G.M.A. (a.k.a. Sunken Island Lake)		8	90	34						X					
486	Polk	Big Creek Lake State Park		26	81	25	X			X							
487	Polk	Birdland Park Pond		35	79	24						X					
488	Polk	Blue Heron Lake (in Racoon River Park)		22	78	25	X					X					
489	Polk	Cases Lake		13	78	24						X					
490	Polk	Dale Maffitt Reservoir		31	78	25	X					X		X			
491	Polk	Dean Lake		1	78	24						X					
492	Polk	Des Moines Water Works Recharge Basins		12	78	24	X					X		X			
493	Polk	Donald McRae Park Pond		16	78	24						X					
494	Polk	Easter Lake		19	78	23	X					X					
495	Polk	Ewing Park Pond		26	78	24						X					
496	Polk	Fort Des Moines Park Pond		33	78	24						X					
497	Polk	Grays Lake		7	78	24	X					X					
498	Polk	Greenwood/ Ashworth Park Pond		12	78	25						X					
499	Polk	Hawkeye Park Pond		14	80	24						X					
500	Polk	Jester Park Pond		32	81	25						X					

Lakes and Wetlands - Designations

#	County	Waterbody Name	1/4	S	T	R	A1	A2	A3	B (WW)	B (LR)	B (LW)	B (CW1)	B (CW2)	C	HQ	HQR
501	Polk	Lake Petoka		29	80	22						X					
502	Polk	McHenry Park Lagoon		27	79	24						X					
503	Polk	Saylorville Reservoir		30	80	24	X			X							
504	Polk	Thomas Mitchell Lake		23	79	22						X					
505	Polk	Witmer Park Pond		32	79	24						X					
506	Polk	Yellow Banks Park Pond		23	78	23						X					
507	Pottawattamie	Arrowhead County Park Pond		29	77	41	X					X					
508	Pottawattamie	Big Lake (including Gilbert's Pond)		14	75	44						X					
509	Pottawattamie	Carter Lake		23	75	44	X					X					
510	Pottawattamie	Lake Manawa State Park		13	74	44	X					X					
511	Pottawattamie	Minser Pond		3	74	40						X					
512	Poweshiek	Arbor Lake		20	80	16	X					X					
513	Poweshiek	Diamond Lake County Park		2	78	15						X		X			
514	Poweshiek	Holiday Lake		23	81	14	X					X					
515	Poweshiek	Lake Ponderosa		3	78	15	X					X					
516	Ringgold	Fife's Grove Park Pond	NW	31	69	29						X					
517	Ringgold	Fogel Lake S.W.A.		31	70	30						X					
518	Ringgold	Kokesh R.A. Pond	NE	7	69	30						X					
519	Ringgold	Lions Club Pond		31	69	29						X					
520	Ringgold	Loch Ayr Reservoir		30	69	29	X					X		X			
521	Ringgold	Mt. Ayr Old Reservoir		31	69	29						X					
522	Ringgold	Mt. Ayr W.A. Ponds		17	68	30						X					
523	Ringgold	Poe Hollow Park Pond	SE	4	68	29						X					
524	Ringgold	Ringgold S.W.M.A. Ponds		13	67	29						X					
525	Ringgold	Walnut Creek Marsh		17	68	30						X					
526	Sac	Almer Noyd W.A. Pit	SW	2	86	35						X					
527	Sac	Arrowhead Lake		4	86	36	X					X					
528	Sac	Black Hawk Lake S.R.A.		35	87	36	X					X					
529	Sac	Black Hawk Pits	SE	8	86	36						X					
530	Sac	Eden Prairie R.A. Pits	NE	27	89	37						X					
531	Sac	Hallet Pits		5	86	36	X					X					
532	Sac	Jana R.A. Pit	NE	30	87	35						X					
533	Sac	Reiff Park Pond	NE	16	88	37						X					
534	Scott	Blue Grass Lake		25	78	2E						X					
535	Scott	Buena Vista Public Use Area Ponds	SE	16	80	2E						X					
536	Scott	Cody Lake		20	80	4E						X					
537	Scott	Crow Creek W.A. Lake		25	79	3E						X					
538	Scott	Lake of the Hills		36	78	2E	X					X					
539	Scott	Lambach Lake		26	78	2E						X					
540	Scott	Odetta Lake		20	80	4E						X					
541	Scott	Rairoad Lake		26	78	2E						X					
542	Scott	Wapsi River Center Pond		1	80	1E						X					
543	Shelby	Elk Horn Creek R.A. Pond		10	78	37						X					
544	Shelby	Little George Park Pond		19	79	38						X					
545	Shelby	Mantano Park Pond		2	81	40	X					X					
546	Shelby	Nishna Bend R.A. Ponds	SW	10	78	39						X					
547	Shelby	Prairie Rose Lake State Park		36	79	38	X					X		X			
548	Shelby	Schimeroski Pond		5	80	39						X					
549	Sioux	Alton Roadside Park Pond		2	94	44						X					
550	Sioux	Fairview Area Impoundment		14	97	48						X					
551	Sioux	Floyd Park Pit		11	94	44						X					
552	Sioux	Nassau W.A. Pond	NW	27	94	44						X					
553	Sioux	Otter Creek R.A. Pond (a.k.a. Boyden R.A.)	NE	2	97	44						X					
554	Sioux	Sandy Hollow Park Lake	NW	12	95	45						X					
555	Sioux	Sioux Center Pit		8	95	45						X					
556	Sioux	Winterfield Pond (a.k.a. Van Zee Pit)		21	97	46	X					X					
557	Story	Cambridge Pond	SE	5	82	23						X					
558	Story	Dakin Lake Park		16	85	21						X					
559	Story	Hallot Pits	S1/2	22	84	24						X					
560	Story	Hendrickson Marsh S.H.A.		1	82	21						X					
561	Story	Hickory Grove County Park Lake		24	83	22	X					X					
562	Story	Lake Laverne	SE	4	83	24						X					
563	Story	McFarland's Park Lake		7	84	23						X					

Lakes and Wetlands - Designations

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564	Story	Moore Memorial Park Pond	NW	33	84	24						X					
565	Story	Petersons Pit, West	W1/2	13	84	24	X					X					
566	Story	Robison Wildlife Acres Pond	SW	8	82	22						X					
567	Tama	Casey Lake (a.k.a. Hickory Hills Park Lake)		13	86	13	X					X					
568	Tama	Columbia W.A. Pond	SE	13	82	15						X					
569	Tama	Otter Creek Lake Park		31	84	14	X					X					
570	Tama	Otter Creek Marsh S.W.R.		3	82	14						X					
571	Tama	Union Grove Lake State Park		33	85	16	X					X					
572	Tama	Union Grove W.A. Pond	NE	5	84	16						X					
573	Taylor	Bedford Impoundment		26	68	34						X			X		
574	Taylor	East Lake (Lenox)		5	70	32	X					X			X		
575	Taylor	Lake of Three Fires State Park		12	68	34	X					X			X		
576	Taylor	Sands Timber Lake (a.k.a. Blockton Reservoir)	SW	2	67	32						X					
577	Taylor	West Lake (Lenox)		5	70	32						X			X		
578	Taylor	Wilson County Park Lake		28	70	32	X					X					
579	Taylor	Windmill Lake County Park		36	69	35	X					X					
580	Union	Afton City Reservoir		17	72	29						X			X		
581	Union	Green Valley Lake State Park		26	73	31	X					X			X		
582	Union	Groesbeck W.A. Lake	NW	25	73	29						X					
583	Union	McKinley Lake		11	72	31	X					X					
584	Union	Summitt Lake		3	72	31						X			X		
585	Union	Talmadge Hill Park Lake / Marsh		20	72	28	X					X					
586	Union	Thayer Lake Park		22	72	28	X					X					
587	Union	Three Mile Lake		32	73	29						X			X		
588	Union	Twelve Mile Creek Lake		12	72	30	X					X			X		
589	Van Buren	Indian Lake Park		2	67	8	X					X					
590	Van Buren	Lacey Keosauqua State Park Lake		2	68	10	X					X			X		
591	Van Buren	Lake Miss (Tug Fork W)		8	68	10						X					
592	Van Buren	Lake Sugema		14	68	10						X					
593	Van Buren	Morris Memorial Park Pond	SE	5	70	8						X					
594	Van Buren	Piper's Pond (Tug Fork E)		9	68	10						X					
595	Wapello	Arrowhead Lake	SE	3	71	13						X					
596	Wapello	Eldon Pond		26	71	12						X					
597	Wapello	Greater Ottumwa Central Park Ponds		25	72	14	X					X					
598	Wapello	Memorial Park Pond	S1/2	18	72	13						X					
599	Wapello	Pioneer Ridge Nature Area Ponds		31	71	13						X					
600	Warren	Annett Nature Center Pond	SW	13	75	24						X					
601	Warren	Banner Pits		30	77	23						X					
602	Warren	Grant Nature Land Pond	SE	36	77	22						X					
603	Warren	Hickory Hills Park Pond	SW	27	74	24						X					
604	Warren	Hooper S.G.A. Pond		26	75	24						X					
605	Warren	Lake Ahquabi State Park		14	75	24	X					X			X		
606	Warren	Otter Creek Park Pond	N1/2	5	74	23						X					
607	Washington	Clemmons Creek W. and R.A. Wetland		23	75	8						X					
608	Washington	Crawford Pond	NE	4	75	6						X					
609	Washington	Foster Woods Park Pond		26	77	9						X					
610	Washington	Iowa Township Park Pond		7	77	6						X					
611	Washington	Lake Darling State Park		21	74	9	X					X			X		
612	Washington	Marr Park Pond		20	75	6						X					
613	Washington	Sokum Ridge County Park Pond		15	74	7						X					
614	Wayne	Bob White Lake State Park		4	68	22	X					X			X		
615	Wayne	Corydon Reservoir Park		24	69	22	X					X			X		
616	Wayne	Humeston Reservoir Park		9	70	23	X					X			X		
617	Wayne	Lineville Reservoir		16	67	23						X			X		
618	Wayne	Seymour Reservoir		23	68	20	X					X			X		
619	Webster	Armstrong Park Pond	NE	19	89	28	X					X					
620	Webster	Badger Lake		19	90	28	X					X					
621	Webster	Bob Hay Memorial Conservation Area Ponds		26	89	29						X					
622	Webster	Brushy Creek Lake State Park		34	88	27						X					
623	Webster	Lake Ole Park		14	86	28						X					
624	Webster	Lizard Creek S.R.A. Ponds		33	89	29	X					X					
625	Webster	Moorland Pond		12	88	30						X					
626	Webster	Prairie Pond W.A.		10	88	27						X					

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627	Winnebago	Ambrosson Pits R.A.		11	98	24	X					X					
628	Winnebago	Dahle Park Ponds		21	100	23						X					
629	Winnebago	Florence Park Pond		19	99	25	X					X					
630	Winnebago	Hadacek R.A. Pond	SE	15	98	24						X					
631	Winnebago	Harmon Lake S.G.M.A.		21	100	24						X					
632	Winnebago	Lake Catherine		35	98	25	X					X					
633	Winnebago	Lande River Conservation W.A. Pond	NW	32	100	23						X					
634	Winnebago	Myre Slough S.G.M.A.		22	98	25						X					
635	Winnebago	Rice Lake S.G.M.A.		13	99	23	X					X					
636	Winnesiek	Cardinal Marsh S.W.A.		7	98	10						X					
637	Winnesiek	Lake Meyers County Park		34	97	9	X					X					
638	Winnesiek	Lower Dam Impoundment		2	98	7		X		X						X	
639	Winnesiek	Silver Springs Pond County Park		15	96	8						X					
640	Winnesiek	Spillville Impoundment		19	97	9		X		X						X	
641	Winnesiek	Upper Dam Impoundment		9	98	7		X		X						X	
642	Woodbury	Bacon Creek Lake		25	89	47						X					
643	Woodbury	Browns Lake State Park		32	87	47	X					X					
644	Woodbury	Little Sioux County Park Lake		12	88	43	X					X					
645	Woodbury	Midway County Park Lake		10	89	44	X					X					
646	Woodbury	Snyder Bend Lake		17	86	47	X					X					
647	Woodbury	Southwood Ponds Conservation Area	SW	34	86	44						X					
648	Woodbury	Stone State Park Ponds	SE	2	89	48						X					
649	Woodbury	Winnebago Bend Lake		28	86	47	X					X					
650	Worth	Elk Creek Marsh S.G.M.A. Pool B		9	99	22						X					
651	Worth	Kuennen's Pits W.A.	NE	9	99	20	X					X					
652	Worth	Mill Pond		34	98	22	X			X							
653	Worth	Silver Lake Marsh S.G.M.A.		10	100	22						X				X	
654	Worth	Silver Lake S.G.M.A.		14	100	22	X					X				X	
655	Worth	Worth County Lake Park		26	99	20	X					X					
656	Wright	Big Wall Lake S.P.H.A.		14	90	24						X					
657	Wright	Elm Lake S.W.M.A.		21	92	24						X					X
658	Wright	Fishpond Park	SE	22	91	26						X					
659	Wright	Lake Cornelia S.G.M.A.		16	92	24	X					X					
660	Wright	Morse Lake S.W.M.A.		28	93	24						X					